From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 11/1/2016 2:05:45 PM

To: Fine, Amanda (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Fineab]

Subject: Re: Interview request/chlorcyclizine pricing: BuzzFeed News

I don't know where that data would be if we have it. It's 20 yrs old. The data on the website goes back to 2003.

Sent from my iPhone

On Nov 1, 2016, at 9:48 AM, Fine, Amanda (NIH/OD) [E] < amanda.fine@nih.gov > wrote:

Hi Mark-

Was hoping we could pin down a time for you to speak with Dan today if you are available. Also, he asked if we have the numbers behind the CRADA increases from 1980 to present—they are thinking they would like to make a chart to show the difference in collaborations pre/post reasonable pricing clause.

Thanks! Amanda

From: Fine, Amanda (NIH/OD) [E]

Sent: Monday, October 31, 2016 2:00 PM

To: Rohrbaugh, Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV >

Cc: Myles, Renate (NIH/OD) [E] <mylesr@od.nih.gov>; Wojtowicz, Emma (NIH/OD) [E]

<emma.wojtowicz@nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi Mark-

Wasn't sure if you saw my below email. Is there a time tomorrow that would work for you to speak with Dan?

Thanks again! Amanda

From: Fine, Amanda (NIH/OD) [E]

Sent: Monday, October 31, 2016 9:55 AM

To: Rohrbaugh, Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV>

Cc: Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov >; Wojtowicz, Emma (NIH/OD) [E]

<emma.wojtowicz@nih.gov>

Subject: FW: Interview request/chlorcyclizine pricing: BuzzFeed News

Good morning and welcome back!

I wanted to check in to see what your availability is to speak to Dan either later today or sometime tomorrow. We're hoping to provide him with the background information prior to speaking with you.

Thanks!

From: Fine, Amanda (NIH/OD) [E]
Sent: Friday, October 28, 2016 6:11 PM

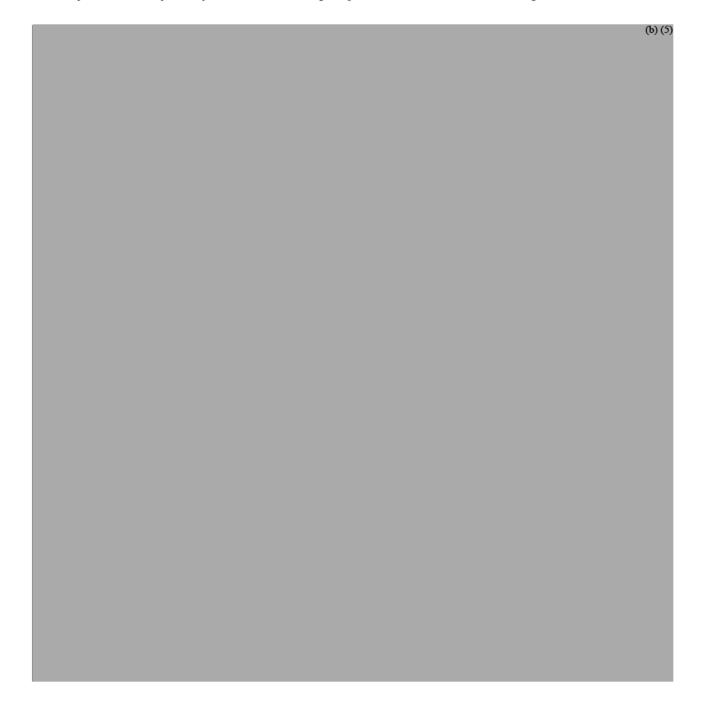
To: Ano, Susan (NIH/NINDS) [E] < susan.ano@nih.gov>

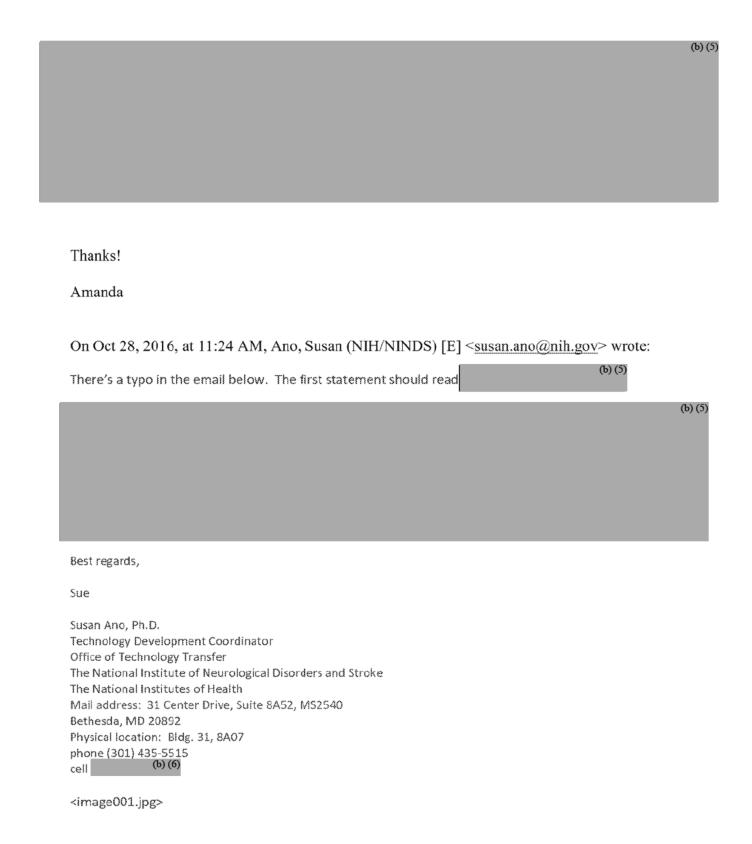
Cc: Rodriguez, Richard (NIH/NCI) [E] < richard.rodriguez@nih.gov; Chang, Kevin (NIH/NCI) [E] < changke@mail.nih.gov; Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov; Wojtowicz, Emma (NIH/OD) [E] < mylesr@od.nih.gov; NCI Press Officers < ncipressofficers@mail.nih.gov; Rohrbaugh, Mark (NIH/OD) [E] < molesr@od.nih.gov; Niebylski, Charles (NIH/NIDDK) [E] < miebylskicd@niddk.nih.gov>

Subject: Re: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi All-

Sorry for the delay. For your review and input, please see the below draft response:





Have patience. All things are difficult before they become easy." – Saadi, poet

The attached information may be confidential. It is intended only for the addressee(s) identified above. If you are not the addressee(s), or an employee or agent of the addressee(s), please note that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this email in error, please destroy the document and notify the sender of the error. Thank you.

From: Rodriguez, Richard (NIH/NCI) [E] Sent: Friday, October 28, 2016 11:12 AM

To: Chang, Kevin (NIH/NCI) [E] < changke@mail.nih.gov>

Cc: Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov >; Wojtowicz, Emma (NIH/OD) [E]

<emma.wojtowicz@nih.gov>; NCI Press Officers <ncipressofficers@mail.nih.gov>; Rohrbaugh, Mark

(NIH/OD) [E] < RohrBauM@OD.NIH.GOV >; Niebylski, Charles (NIH/NIDDK) [E]

<niebylskicd@niddk.nih.gov>; Ano, Susan (NIH/NINDS) [E] <susan.ano@nih.gov>; Fine, Amanda

(NIH/OD) [E] <amanda.fine@nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

(b) (5)

Richard

From: Chang, Kevin (NIH/NCI) [E]

Sent: Friday, October 28, 2016 11:08 AM

To: Rodriguez, Richard (NIH/NCI) [E] < richard.rodriguez@nih.gov >; Fine, Amanda (NIH/OD) [E]

<amanda.fine@nih.gov>

Cc: Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov >; Wojtowicz, Emma (NIH/OD) [E]

<emma.wojtowicz@nih.gov>; NCI Press Officers <ncipressofficers@mail.nih.gov>; Rohrbaugh,

Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV >; Niebylski, Charles (NIH/NIDDK) [E] < niebylskicd@niddk.nih.gov >; Ano, Susan (NIH/NINDS) [E] < susan.ano@nih.gov >

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi Richard,

(b) (5)

Sue was working on responses to the questions.

Kevin W. Chang, Ph.D.
Senior Licensing and Patenting Manager
NCI Technology Transfer Center
9609 Medical Center Dr.
Room 3W-128, MSC 9702
Rockville, MD 20850-9702

Phone: 240-276-6910

Email: changke@mail.nih.gov

The attached information may be confidential. It is intended only for the addressee(s) identified above. If you are not the addressee(s), or an employee or agent of the addressee(s), please note that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this email in error, please destroy the document and notify the sender of the error. Thank you.

From: Rodriguez, Richard (NIH/NCI) [E] Sent: Friday, October 28, 2016 11:04 AM

To: Fine, Amanda (NIH/OD) [E] <amanda.fine@nih.gov>

Cc: Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov >; Wojtowicz, Emma (NIH/OD) [E] < mma.wojtowicz@nih.gov >; NCI Press Officers < ncipressofficers@mail.nih.gov >; Rohrbaugh,

Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV >; Niebylski, Charles (NIH/NIDDK) [E]

<niebylskicd@niddk.nih.gov>; Ano, Susan (NIH/NINDS) [E] <susan.ano@nih.gov>; Chang, Kevin

(NIH/NCI) [E] < changke@mail.nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi Amanda,

Just saw this and have attached my response to Chuck. If you have more questions, I'm happy to have a call.

Thanks,

Richard

RICHARD U. RODRIGUEZ, M.B.A.

Associate Director, Technology Transfer Center Patent Agent

National Cancer Institute
National Institutes of Health
9609 Medical Center Drive, Rm 1E530
Bethesda, MD 20892-9702 (for business mail)
Rockville, MD 20850-9702 (for courier service/visitors)
Phone (Main Office): 240-276-5530
Direct phone: 240-276-6661
Fax 240-276-5504

richard.rodriguez@nih.gov

https://ttc.nci.nih.gov/index.php

"Change is inevitable. Progress is optional" - Tony Roberts

Note: This email may contain confidential information. If you are not the intended recipient, any disclosure, copying or use of this email or the information enclosed therein is strictly prohibited, and you should notify the sender for return of any attached documents.

From: Chang, Kevin (NIH/NCI) [E]

Sent: Thursday, October 27, 2016 6:26 PM

To: Fine, Amanda (NIH/OD) [E] amanda.fine@nih.gov>

Cc: Myles, Renate (NIH/OD) [E] <<u>mylesr@od.nih.gov</u>>; Wojtowicz, Emma (NIH/OD) [E] <<u>emma.wojtowicz@nih.gov</u>>; NCI Press Officers <<u>ncipressofficers@mail.nih.gov</u>>; Rohrbaugh, Mark (NIH/OD) [E] <<u>RohrBauM@OD.NIH.GOV</u>>; Niebylski, Charles (NIH/NIDDK) [E] <<u>niebylskicd@niddk.nih.gov</u>>; Rodriguez, Richard (NIH/NCI) [E] <<u>richard.rodriguez@nih.gov</u>>; Ano, Susan (NIH/NINDS) [E] <<u>susan.ano@nih.gov</u>>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Importance: High

Hi Amanda,

Chuck has also approached me regarding these questions. Richard, Sue, and Mark may be the best positioned to provide NIH's official responses on these two questions. Richard should be back from travel on Monday but I can chat with Mark if he needs background about this specific license.

When do you need the responses to the questions by?

Best regards,

Kevin

Kevin W. Chang, Ph.D.
Senior Licensing and Patenting Manager
NCI Technology Transfer Center
9609 Medical Center Dr.
Room 3W-128, MSC 9702
Rockville, MD 20850-9702

Phone: 240-276-6910

Email: changke@mail.nih.gov

The attached information may be confidential. It is intended only for the addressee(s) identified above. If you are not the addressee(s), or an employee or agent of the addressee(s), please note that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this email in error, please destroy the document and notify the sender of the error. Thank you.

From: Fine, Amanda (NIH/OD) [E]

Sent: Thursday, October 27, 2016 5:03 PM

To: Chang, Kevin (NIH/NCI) [E] < changke@mail.nih.gov>

Cc: Myles, Renate (NIH/OD) [E] < mylesr@od.nih.gov >; Wojtowicz, Emma (NIH/OD) [E] < mma.wojtowicz@nih.gov >; NCI Press Officers < ncipressofficers@mail.nih.gov >;

Rohrbaugh, Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV>

Subject: FW: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi Kevin-

Please see the below long thread about a Buzzfeed inquiry regarding chlorcyclizine as a result of a complaint by Knowledge Ecology International. As you may know, KEI regularly approaches NIH regarding licensing and exercising march-in rights. We are working to set up an interview with Mark next week, however wanted to provide the

reporter with some background. He asked a few questions about granting the license that folks said you would know and I was hoping you would help us in drafting responses to these questions. Specifically the following 2 questions:

2) What are the institute's priorities when licensing these drugs?

(b) (5)

(5) Some observers are asking: why grant an exclusive license to a small, unknown company with no track record of bringing drugs to market?

Please let me know if you have any questions.

Thank you in advance for your help and input!

Amanda

Amanda Fine

Deputy, News Media Branch National Institutes of Health Tel: 301-496-7246

Emcil: amanda.fine@nih.gov Web: http://www.nih.gov

NIH . . . Turning Discovery Into Health

From: Fine, Amanda (NIH/OD) [E]

Sent: Thursday, October 27, 2016 3:42 PM

To: Kassilke, Deborah (NIH/OD) [E] < deborah.kassilke@nih.gov; Rohrbaugh, Mark

(NIH/OD) [E] < RohrBauM@OD.NIH.GOV >; Rogers, Karen (NIH/OD) [E]

<RogersK@od.nih.gov>

Cc: charles.nybeliski@nih.gov; Niebylski, Charles (NIH/NIDDK) [E]

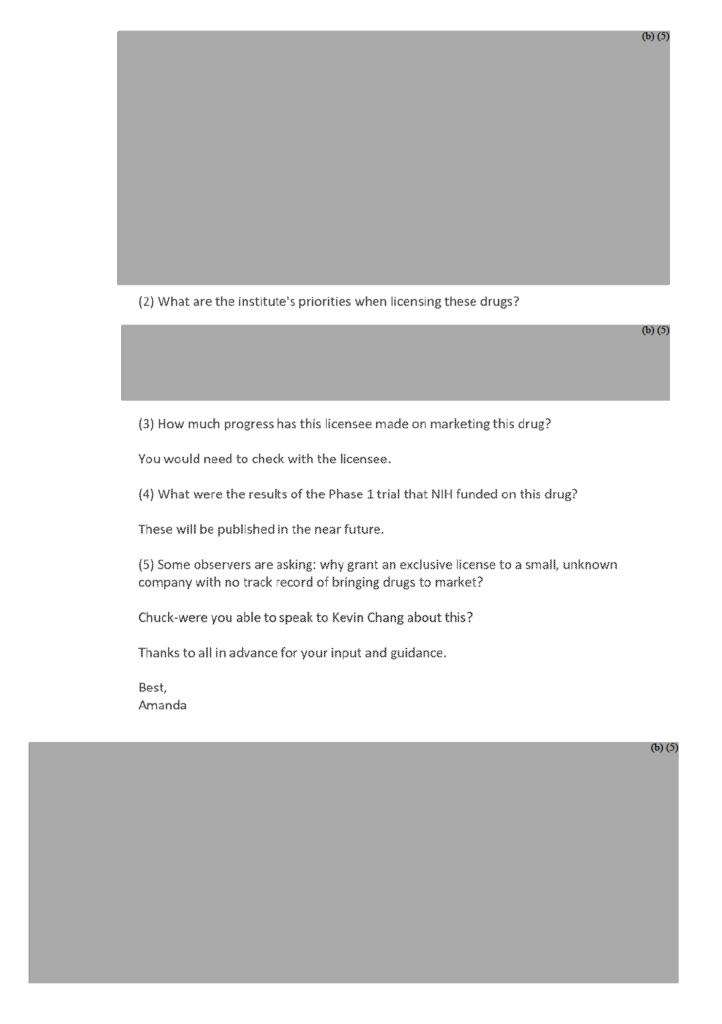
<niebylskicd@niddk.nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Hi All-

Just following up on this to see if there was any progress in drafting responses to Dan's questions. His deadline is tomorrow.





From: "Rohrbaugh, Mark (NIH/OD) [E]"

<RohrBauM@OD.NIH.GOV>

Date: October 24, 2016 at 9:49:59 PM GMT+1 **To:** "Niebylski, Charles (NIH/NIDDK) [E]"

<niebylskicd@niddk.nih.gov>

Cc: "Fine, Amanda (NIH/OD) [E]" amanda.fine@nih.gov>
Subject: Re: Interview request/chlorcyclizine pricing:

BuzzFeed News

Chuck:

See thread below. Could you help answer the questions about NIH licensing?

Thanks Mark

Sent from my iPhone

Begin forwarded message:

From: "Portilla, Lili (NIH/NCATS)
[E]" <portill@mail.nih.gov>
Date: October 24, 2016 at 9:22:01

PM GMT+1

To: "Rohrbaugh, Mark (NIH/OD) [E]" < RohrBauM@OD.NIH.GOV >, "Vepa, Sury (NIH/NCATS) [E]" < sury.vepa@nih.gov >

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Mark:

NIDDK took the lead on this as their PI (Jake Liang) was the biology lead. NCATS has a few co-inventors on the patent who did screening and med chem. The licensing for this was done by OTT specifically Kevin Chang. Chuck Nybeliski was also very involved on the NCATS side when he was part of our office. I would speak to him on this matter in his role as Director of the NIDDK TTO.

Regards,

Lili

Lili M. Portilla, MPA
Director, Office of Strategic Alliances
National Center for Advancing
Translational Sciences, NIH
9800 Medical Center Drive, Room 3042
Rockville, MD 20850

Phone: 301-217-2589 Email: Lilip@nih.gov

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Monday, October 24, 2016 3:51

PM

To: Driscoll, Claire (NIH/NHGRI) [E] < cdriscol@mail.nih.gov">cdriscol@mail.nih.gov; Vepa, Sury (NIH/NCATS) [E] < sury.vepa@nih.gov; Portilla, Lili (NIH/NCATS) [E] < portill@mail.nih.gov>

Subject: Re: Interview

request/chlorcyclizine pricing: BuzzFeed

News

Sorry Claire, meant to copy Lili

Sent from my iPhone

On Oct 24, 2016, at 8:50 PM, Rohrbaugh, Mark (NIH/OD) [E] <<u>RohrBauM@OD.NIH.GOV</u>> wrote:



Sent from my iPhone

Begin forwarded message:

From: "Fine,

Amand a (NIH/ OD) [E]" <aman da.fine @nih.g ov> Date: Octobe r 24, 2016 at 8:27:5 9 PM GMT+1 To: "Rohrb augh, Mark (NIH/ OD) [E]" <<u>Rohr</u> BauM @OD. NIH.G $\underline{OV} >$ Cc: "McBu rney, Margar et (NIH/ OD) [E]" <<u>mmc</u> burney @od.ni h.gov> , "Harde sty, Rebecc a (NIH/ OD) [C]" <rebec ca.hard

esty@

nih.go $\frac{\overline{v}}{,}$ "Myles Renate (NIH/ OD) [E]" < myles r@od. nih.go <u>v</u>>, "Wojto wicz, Emma (NIH/ OD) [E]" <<u>emm</u> a.wojto wicz@ nih.go <u>v</u>> Subjec t: RE: Intervi ew reques t/chlor cyclizi ne pricin g: BuzzF eed







Thanks
Mark!
Hope
you're
not
working
while
on
vacatio
n.

Amand

а

From: Rohrba ugh, Mark (NIH/O D) [E] Sent: Monda у, Octobe r 24, 2016 3:22 PM To: Fine, Amand a (NIH/O D) [E] <aman da.fine @nih.g <u>ov</u>> Cc: McBurn ey, Margar et (NIH/O D) [E] <mmcb urney@ od.nih. gov>; Hardest у, Rebecc (NIH/O D) [C] <rebecc <u>a.harde</u> sty@ni <u>h.gov</u>>; Myles, Renate (NIH/O D) [E] <mylesr @od.ni h.gov>;

Wojtow

icz, Emma (NIH/O D) [E] <emma .wojto wicz@n ih.gov> Subject : Re: Intervie W request /chlorc yclizine pricing: BuzzFe ed News I am availab le. Lo oks ok to me. N ot sure why the email thread was release d under FOIA. There is more one could say but this is the basic messag (b) (5)



Sent from my iPhone

On Oct 24, 2016, at 8:10 PM, Fine, Amand a (NIH/OD) [E] amanda.fine @nih.g

ov> wrote:

G r e e t ii n & s

m n u d n g а е е 0 У 0 u р е M а k 0 u а n d g n ŧ h

а ŧ h 9 e p 0 t S d е а d n е 5 0 C ŧ 0 b е r 2 8 Ν 3 D D K е C d ŧ h e b

е 0 W n q u У 0 m D а n ٧ е g а n 0 а ŧ В u Z Z. е е d g а d n g K е d g

E C 0 0 g У n t n а 0 n а K q u 5 0 n а b 0 d g С h 0

С У Z n e W h C h h а d h а а S m а е C C Α а h е d а b

h W ŧ h D D N C Α Τ t а t K g 0 u g h F 0 Α D S q

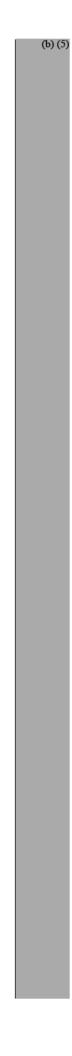
u е 5 0 n S а 6 b 9 0 W **(b) (5)**





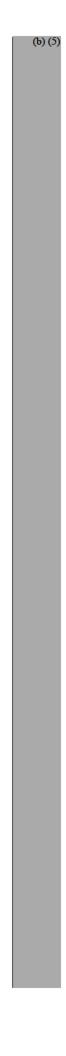








(b) (5)







Thankyouinadva

n C e 0 r У 0 u n p U ŧ а n d g u d а n C е Α m а n d а Å m 33 d a n 0 0 0 У , N 0 W Μ

d α 8 r а n C 'n Ν 0 n a ij 0 0 --{ \circ h ĭ 0 3 0 -4 9 6 7 2 4 6 E \cap α <u>a</u> <u>m</u> <u>a</u> <u>n</u> <u>a</u>

f i n e @ n i h . g o v v v e b ; <u>h</u> <u>t</u> <u>t</u> <u>p</u> : / / <u>W</u> <u>W</u> <u>w</u> . <u>n</u> : <u>i</u> <u>h</u> <u>.</u> g o v N I Н . T U n i n g D i s c o v e r y n f о Н е

a I F 0 m Р а У n е а n u а У N Н Ν D D K) [Ε] S e n t Μ 0 n d а У , O С t 0

b е r 2 4 , 2 0 1 6 2 : 5 4 Р Μ Т 0 : O C Р L P е s s Т е а m <u>.</u> <u>n</u> <u>i</u> <u>h</u>

. g o v > ; 0 D O C Р L n t e e W s N Н / O D O C P e w s @ m

<u>n</u> <u>i</u> <u>h</u> . g o y > C С Ν D D K Ν ı D D K Μ E D Α Ν Н N l D D Κ) < n ... d d k E e d ... a @

<u>n</u> <u>i</u> <u>d</u> <u>k</u> <u>n</u> <u>i</u> h ÷ g <u>o</u> <u>v</u> > S u b j е С n е е w е q u е У С n

p r С i n g : В u Z Z F е е d Ν е W s Н е 0 , N | D D K r е С е ٧ е d а n n t е е W r е q u е s t f

r 0 m а В u z z f е е d r е р 0 t е r а s k n g a b 0 u t Ν ı Н i n ٧ 0 ٧ е m е n n С е n s i n g а n d d r u

g p r c n g f 0 r С h 0 С y c l i Z n е . C h u c k N i e b у | s k i , d i r е c t 0 r o f Ν I D K s T e c h

n 0 о g y A d ٧ а n С е m е n t 0 f i С е а s k e d t h а r е е h s е q u e s t t 0 N I H O D а s i t

n ٧ 0 ٧ е s Ν H s р 0 С y o n d r u g p r С i n g В е 0 W s t h е С 0 m p I е t е е m а е Х С h а n

g e I ٧ е h а d W h t h е r е р 0 t е r , D а n V е r g а n 0 , а n d а t t а С h е d i s a P D F 0 f а n е m a i I

С h а n b е W е е n Ν ı Н е m p 0 У е е s t h а t t h е r е р 0 е r r е С е ٧ е d ٧ а а р u b С i n t е

е s t g r 0 u р с а I e ਰ Kl 디이 커.... 이 더 어 에 비 이 이 그 커.... 디 t. 한 r. 디 해 t.... 이 디 헤... , W h i c h o b а i n e d t h е r е

С О d s ٧ i a a F O I Α r е q u е s t . (P е а s е n 0 t е f 0 b а c k g r 0 u nd:KEI а s 0 의 비 의 이 의 el

d t, h ..., s 2 0 1 5 p 0 s t, a b 0 u t t h е s а m e d r u g) I s N I HODabl е t 0 е s p o n d t 0 t h i s e q u

е s t ? Т h а n k У 0 u , J а n u а r y W . Р а y n e O f f i c e o f C 0 m m u n С а t 0 n s a n d P u b l i c L

i а i s 0 n N а i 0 n a ı n s t u t е o f D а b е t е s а n d D g e s t i ٧ е а n d K i d n е y D s е а s е s



f i c e 3 0 1 - 4 9 6 - 3 5 8 3 w $\underline{\mathsf{w}}$ w <u>. n . d d k . n . h</u> . gd O! >! N * Н T u r n * n g D Ě S C 0 ٧ e ř У

No. n ŧ 0 Н e a h C e b 0 n 0 £ S e n e ţ N Н at C h h 0 W m е d C a

r e S aC h s aV е 5 е S а n d m p 0 eS h eah F 0 D а n ٧ е g а n 0 [<u>m</u>

a i l t o : d a n . v e r a a n o @ b u v v r e e d <u>.</u> <u>c</u> <u>o</u> <u>m</u>] S е n t Μ О n d а У 0 С t 0 b е r 2 4

2 0 1 6 1 2 2 9 Ρ Μ Т 0 Р а У n е а n u а У N Н Ν D D Κ [Ε] < j <u>a</u> <u>n</u> <u>u</u> <u>a</u> r У р <u>а</u> У

<u>n</u> e @ n i h ÷ g <u>o</u> <u>v</u> > S u b j е C t R е В u Z Z F e е d Ν e w s р s S С 0 n t а С С е n

s i n g J a n u a r y T h a n \mathbf{k} s f o r g e t t i n g b a c k t o m e Thedrugisch

lorcyclizine(linktolicenseannc. t b c l o w), a n d t h e p u b l i c i n

this contention. M y d e a d l i e i s 1 0 / 2 8 / 1 6 a t 5 P M E D T - M y q u e s t i o n s w o u l

tNIHfundedonthisdrug? Someobserversareasking: whygrantan

exclusivelicensetoasmall, unknowncompanywithnotrackre

c o r d o f b r i n g i n g d r u g s t o m a r k e t I d h a v e f o 1 1 0 W u p s d e p e n d

i n g 0 n t h e a n S W e r S n a t c h a n d W 0 u d W a n t t 0 h e a r a n y r e S p 0 n S e s

t o S m a r t e r q u e S t i 0 n S o n a t h i S t h a t у 0 u r \mathbf{f} 0 1 k S m i g h t h a V e

A n y h e 1 p a p p r e c i a t e d D a n V e r g a n o B u z F e e d N e w s 2 0 2 6 2 9 4 5 6 3

D a n V e r g a n o

Danvergano | Scien

ceReporter(DC)-2026294563BuzzFeed11630Connec t C u t A v e . 7 t h F I 0 0 , W

a s h i n g t o n D C 2 0 0 0 9 O n M o n , O c t 2 4 , 2 0 1 6 a t 1 1 5 7 A M , P a У n

e

, J a n

u a ry(NIH/NIDDK)[E]<ianuary:payne@nih:gov> W r 0 t e D e a r D а n Т h a n k s f 0 r У 0 u r m e S s a g е C а n у 0 u p 1 е a s e p r 0 ٧ i d e m 0 r e i n

f 0 r m а t 0 n S 0 C а n 0 0 n t 0 У 0 u e q u е S t ? W

h a t i s t h e d

u g n a m e a n d С a n У 0 u p е а S е b е У d е S С b e t h е S S u e t h a t h а S b

e е n a S е d ? Α s 0 W h a t S t h e n a m e 0 f t h е p u b С i n t е e s t g r 0 u р ?

W h a t S У 0 u h а d d е а d n e ? C a n У 0 u p e a S e p r 0 ٧

d е а f e W е X а m p e s 0 f q u е S t 0 n s У 0 u d k е t 0 а S k ? В е s t J а n u a

r y W . Payne O f f i c e o f C o m m u n i С а t o n s andPubi c L i a i s o n N a t i o n a 1 n s t i t

u
t e
o f
D i
a b
e t
e s
a n
d D i
g e
s t
i V
e a
n d
u K i
d
n e
y D
i s
e a
s e
S
N A
T
0 N
AL
N
S
i T
Ŭ T
E S
Ö

FHEALTH
w w w
<u>n</u> <u>i</u> <u>d</u> <u>d</u> <u>k</u>
<u>n</u> <u>i</u>
- g 0 v N I
T u r n
n g D i
s c o v
r y I n
o H e a

t h C e e b t o n o f s c i e n C e a t N <u>н</u> : W a t C h h 0 W m 9 d C a 6 S

8 a C h 5 a V e S V е 5 a n d m p r 0 V e S h e a t h F r 0 m : D a n ٧ е r g а n 0 [m

а

i t 0 : d a n . y e r m a n o @ b u v v f e e d . c o f) S e n t : M 0 n d а У , 0 С t 0 b е r 2 4 , 2

0 1 6 1 1 : 2 5 A T 0 : N D D K N D K M E D Α (N H / N D D K) v rl ... dl dl kl El el dl ... al @ rl ...

d	
d	
<u>k</u>	
2	
<u>n</u> <u>i</u>	
<u>h</u>	
<u>.</u>	
g	
<u>o</u>	
V	
> S	
u	
b	
j	
е	
C	
t :	
F	
w	
d	
:	
В	
u	
z z	
F	
e	
е	
d	
N	
e w	
s	
:	
р	
r	
е	
S	
s C	
0	
n	
t	
а	
C	
t /	
1	
i	
С	

e n S i n g K r y s t e n S e m a i 1 r e S p o n d e r S u g g e s t e d I

t e t 0 t h i S c 0 n t a c t I h a \mathbf{v} e a 1 S 0 1 e f t a p h 0 n e m e S S a g e W i t h t h e p r e

S S o f f i c e . I a m 0 0 k i n g f o r c o m m e n t t h i S W e e k M S . С a r r e r a

I masciencereporteratBuzzFeedNews.I. m l o o k i n g f o r a p r e s

scontactat NIDDK who canaddressadruglicensingissucatyou

rinstitute. A publicinterest groupis raising questions abo

ut one of your licenses and I. dlike togetares ponsefrom thein

s t t u t T h a n k s f o r a n y h e 1 p D a n V e r g a n 0 В u z z F e d N e

W
S
2 0 2 / 6 2 9
= 4 5 6 3

Dan Vergano — Sci enceReporter(DC) __ 2|0|2|6|2|9|

4
<u>5</u>
3 B
u
z z
F
e
d 1
6 3
0 C
0
n n
e
t i
C
u t
A v
е
7
7 t
7 t h F
. 7 t h F l o
7 t h F
. 7 t h F l o o
.7thFloor,Wa
.7thFloor,Wash
.7thFloor,Washi
.7thFloor,Washing
.7thFloor,Washingto
.7thFloor,WashingtonD
.7thFloor,Washington
.7thFloor,WashingtonDC2
.7thFloor,WashingtonDC20

JANUARY PAYNE

@ National Institutes of Health

 $\frac{\text{National Institutes of Health}}{\text{(NIH)}} \mid \underline{9000 \; \text{Rockville Pike, Bethesda, MD 20892, US}}$



January Payne on LinkedIn



@NIH | 663K followers | 6K tweets - 3 hours ago

There's still time to submit your @NIH_LRP application! Get started on you #studentdebt



Search for January Payne on Google

<u>D</u>

```
<u>m</u>
               <
               R
               e
               a
               S
               0
               n
               a
               b
               1
               e
               P
               c
               i
               n
               g
               V
               0
               t
               a
               S
              N
               I
              Н
               p
d
               f
<image001.jpg>
<image001.jpg>
```

<image001.jpg> <image001.jpg>

-

From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 10/24/2016 8:34:35 PM
To: charles.nybeliski@nih.gov

CC: Fine, Amanda (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Fineab]

Subject: Fwd: Interview request/chlorcyclizine pricing: BuzzFeed News

Attachments: image001.jpg; image001.jpg

Chuck:

See thread below. Could you help answer the questions about NIH licensing?

Thanks Mark

Sent from my iPhone

Begin forwarded message:

From: "Portilla, Lili (NIH/NCATS) [E]" portill@mail.nih.gov>

Date: October 24, 2016 at 9:22:01 PM GMT+1

To: "Rohrbaugh, Mark (NIH/OD) [E]" < RohrBauM@OD.NIH.GOV >, "Vepa, Sury

(NIH/NCATS) [E]" < sury.vepa@nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News

Mark:

NIDDK took the lead on this as their PI (Jake Liang) was the biology lead. NCATS has a few co-inventors on the patent who did screening and med chem. The licensing for this was done by OTT specifically Kevin Chang. Chuck Nybeliski was also very involved on the NCATS side when he was part of our office. I would speak to him on this matter in his role as Director of the NIDDK TTO.

Regards,

Lili

Lili M. Portilla, MPA
Director, Office of Strategic Alliances
National Center for Advancing Translational Sciences, NIH
9800 Medical Center Drive, Room 3042
Rockville, MD 20850

Phone: 301-217-2589 Email: <u>Lilip@nih.gov</u> From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Monday, October 24, 2016 3:51 PM

To: Driscoll, Claire (NIH/NHGRI) [E] < cdriscol@mail.nih.gov >; Vepa, Sury (NIH/NCATS) [E]

<sury.vepa@nih.gov>; Portilla, Lili (NIH/NCATS) [E] <portill@mail.nih.gov> Subject: Re: Interview request/chlorcyclizine pricing: BuzzFeed News

Sorry Claire, meant to copy Lili

Sent from my iPhone

On Oct 24, 2016, at 8:50 PM, Rohrbaugh, Mark (NIH/OD) [E] < RohrBauM@OD.NIH.GOV > wrote:

Sent from my iPhone

Begin forwarded message:

From: "Fine, Amanda (NIH/OD) [E]" < amanda.fine@nih.gov>

Date: October 24, 2016 at 8:27:59 PM GMT+1

To: "Rohrbaugh, Mark (NIH/OD) [E]"

<RohrBauM@OD.NIH.GOV>

Cc: "McBurney, Margaret (NIH/OD) [E]"

<mmcburney@od.nih.gov>, "Hardesty, Rebecca (NIH/OD) [C]"

<<u>rebecca.hardesty@nih.gov</u>>, "Myles, Renate (NIH/OD) [E]"

<mylesr@od.nih.gov>, "Wojtowicz, Emma (NIH/OD) [E]"

<emma.wojtowicz@nih.gov>

Subject: RE: Interview request/chlorcyclizine pricing: BuzzFeed News



Thanks Mark! Hope you're not working while on vacation.

Amanda

From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Monday, October 24, 2016 3:22 PM

To: Fine, Amanda (NIH/OD) [E] <amanda.fine@nih.gov>

(b)(5)

Cc: McBurney, Margaret (NIH/OD) [E] <<u>mmcburney@od.nih.gov</u>>; Hardesty, Rebecca (NIH/OD) [C] <<u>rebecca.hardesty@nih.gov</u>>; Myles, Renate (NIH/OD) [E] <<u>mylesr@od.nih.gov</u>>; Wojtowicz, Emma (NIH/OD) [E] <<u>emma.wojtowicz@nih.gov</u>>

Subject: Re: Interview request/chlorcyclizine pricing: BuzzFeed News

I am available. Looks ok to me. Not sure why the email thread was released under FOIA. There is more one could say but this is the basic message.

(b) (5)

(b)(5)

Sent from my iPhone

On Oct 24, 2016, at 8:10 PM, Fine, Amanda (NIH/OD) [E] <amanda.fine@nih.gov> wrote:

Greetings-

I'm including all three of you per Mark's out of office and given that the reporter's deadline is October 28.

NIDDK received the below inquiry from Dan Vergano at Buzzfeed regarding Knowledge Ecology International's (KEI) questions about the drug chlorcyclizine which had/has a small trial at the CC. Attached is a back and forth with NIDDK/NCATS that KEI got through FOIA.



Thank you in advance for your input and guidance, Amanda

Amanda Fine

Deputy, News Media Branch National Institutes of Health Tel: 301-496-7246

Email: amanda.fine@nih.gov Web: http://www.nih.gov

NIH . . . Turning Discovery Into Health

From: Payne, January (NIH/NIDDK) [E] Sent: Monday, October 24, 2016 2:54 PM

To: OCPLPressTeam < OCPLPressTeam@od.nih.gov>;

ODOCPL Interviews (NIH/OD OCPL) < <u>ODOCPLInterviews@mail.nih.gov</u>> Cc: NIDDK NIDDKMEDIA (NIH/NIDDK)

<niddkmedia@niddk.nih.gov>

Subject: Interview request/chlorcyclizine pricing:

BuzzFeed News

Hello, NIDDK received an interview request from a Buzzfeed reporter asking about NIH involvement in licensing and drug pricing for chlorcyclizine. Chuck Niebylski, director of NIDDK's Technology Advancement Office, asked that I refer this request to NIH OD as it involves NIH's policy on drug pricing.

Below is the complete email exchange I've had with the reporter, Dan Vergano, and attached is a PDF of an email chain between NIH employees that the reporter received via a public interest group called <u>Knowledge Ecology International</u>, which obtained the records via a FOIA request. (Please note, for background: KEI also <u>published this 2015 post</u> about the same drug.)

Is NIH OD able to respond to this request?

Thank you,
January W. Payne
Office of Communications and Public Liaison
National Institute of Diabetes and Digestive and Kidney
Diseases
NATIONAL INSTITUTES OF HEALTH
Direct 301-435-8115
Cell (b) (6)
Office 301-496-3583
www.niddk.nih.gov
NIH...Turning Discovery Into Health®

Celebration of Science at NIH:

Watch how medical research saves lives and improves health

From: Dan Vergano

[mailto:dan.vergano@buzzfeed.com]
Sent: Monday, October 24, 2016 12:29 PM

To: Payne, January (NIH/NIDDK) [E]

<january.payne@nih.gov>

Subject: Re: BuzzFeed News: press contact / licensing

January,

Thanks for getting back to me

-- The drug is chlorcyclizine (link to license anne't below), and the public interest group, Knowledge Ecology International (which often looks at NIH licenses) is complaining that its request for "reasonable pricing" requirements in the license were brushed aside to the detriment of taxpayers. The group has just received a public records request (a portion is attached) and suggests they show that NIH is worried more about scaring off the licensee than benefiting the taxpayers who funded this drug and have no assurance they won't have to pay excessively high prices for it.

- -- I'm looking for an agency response to this contention.
- -- My deadline is 10/28/16 at 5 PM EDT
- -- My questions would basically be: How do you respond to their complaint? What are the institute's priorities when licensing these drugs? How much progress has this licensee made on marketing this drug?

What were the results of the Phase 1 trial that NIH funded on this drug?

Some observers are asking: why grant an exclusive license to a small, unknown company with no track record of bringing drugs to market?

I'd have follow-ups depending on the answers, natch, and would want to hear any responses to smarter questions on all this that your folks might have.

Any help appreciated,

Dan Vergano BuzzFeed News 202 629 4563

Dan Vergano | Science Reporter (DC) | 202 629 4563 **BuzzFeed** 1630 Connecticut Ave. 7th Floor, Washington DC 20009

link: https://s3.amazonaws.com/public-inspection.federalregister.gov/2015-06974.pdf

Dan Vergano | Science Reporter (DC) | 202 629 4563 **BuzzFeed** 1630 Connecticut Ave. 7th Floor, Washington DC 20009 wrote: Dear Dan, Thanks for your message. Can you please provide more information so I can look into your request? What is the drug name, and can you please briefly describe the issue that has been raised? Also, what is the name of the public interest group? What is your hard deadline? Can you please provide a few examples of questions you'd like to ask? Best, January W. Payne Office of Communications and Public Liaison National Institute of Diabetes and Digestive and Kidney Diseases NATIONAL INSTITUTES OF HEALTH www.niddk.nih.gov NIH...Turning Discovery Into Health® Celebration of Science at NIH: Watch how medical research saves lives and improves health

From: Dan Vergano

[mailto:dan.vergano@buzzfeed.com]
Sent: Monday, October 24, 2016 11:25 AM
To: NIDDK NIDDKMEDIA (NIH/NIDDK)

On Mon, Oct 24, 2016 at 11:57 AM, Payne, January

(NIH/NIDDK) [E] < january.payne@nih.gov>

REL0000024715

<niddkmedia@niddk.nih.gov>

Subject: Fwd: BuzzFeed News: press contact / licensing

Krysten's email responder suggested I send this note to this contact. I have also left a phone message with the press office. I am looking for comment this week.

Ms. Carrera,

I'm a science reporter at BuzzFeed News. I'm looking for a press contact at NIDDK who can address a drug licensing issue at your institute. A public interest group is raising questions about one of your licenses and I'd like to get a response from the institute.

Thanks for any help,

Dan Vergano

BuzzFeed News

202/629-4563

Dan Vergano | Science Reporter (DC) | <u>202 629 4563</u> **BuzzFeed** 1630 Connecticut Ave. 7th Floor, Washington DC 20009

JANUARY PAYNE

@ National Institutes of Health

National Institutes of Health | 9000 Rockville Pike, Bethesda, MD 20892, USA | Official website of the Na (NIH). NIH is one of the world's foremost medical research centers. An agency of...



January Payne on LinkedIn



@NIH | 663K followers | 6K tweets - 3 hours ago

There's still time to submit your @NIH_LRP application! Get started on yours today. Deadline is Nov.1 #studentdebt



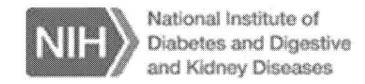
Search for January Payne on Google

Dan is using Senders. View / edit your own Card

<Reasonable Pricing - Virotas NIH .pdf>

<image001.jpg>

<image001.jpg>



From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 6/16/2017 9:28:05 PM

To: Dodson, Sara (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Dodsonse]

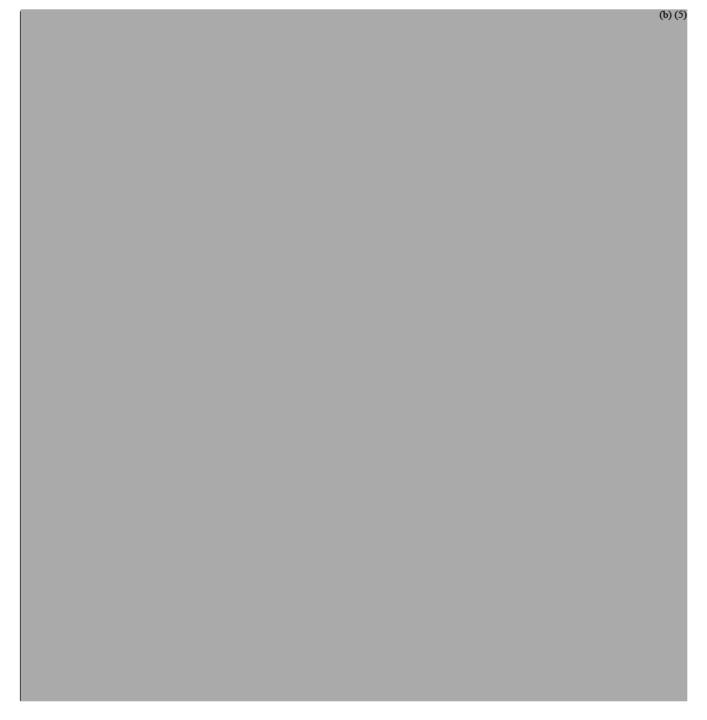
Subject: Re: final memo to FC on royalties

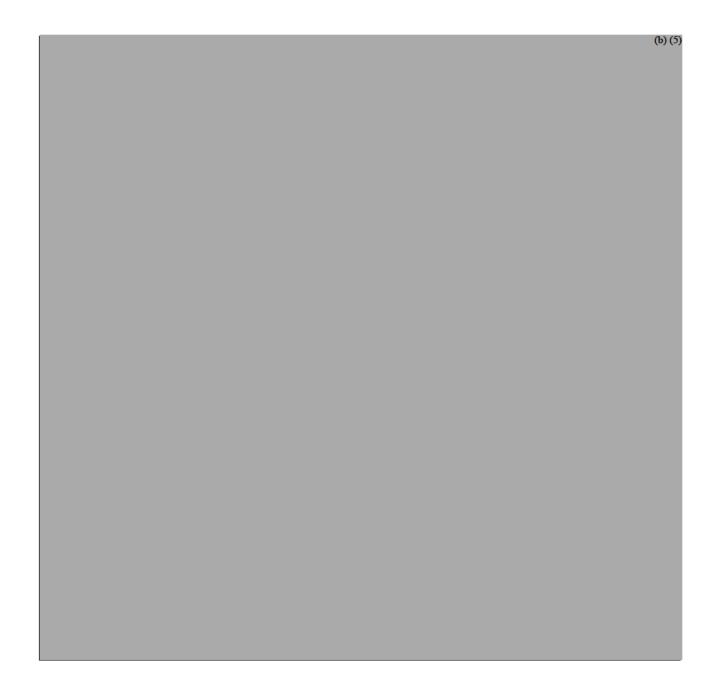
Thanks. How about. (b) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:59 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov > wrote:

Sure, see the full letter below and the tracked changes Word doc attached.





From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:51 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you put the final showing your and Dales edits into the body of an email please? Lyric said i can get this in on Monday

Sent from my iPhone

On Jun 16, 2017, at 3:44 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> wrote:

Sorry – I somehow did that in the Word doc but not in the email body. It's changed. Anything else?

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:44 PM

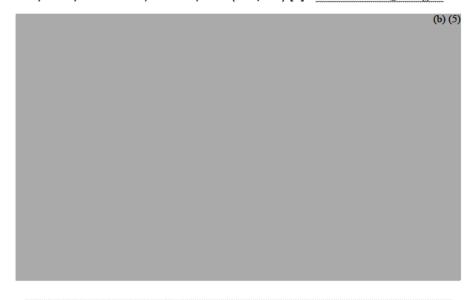
To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:36 PM

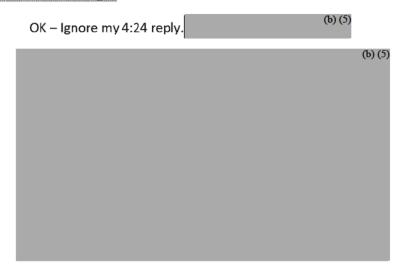
To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:





From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:29 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

I can see OGC's and 4 comments. Do you want me to send you all of the text in an email and highlight OGC's additions?



From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Friday, June 16, 2017 4:12 PM
To: Dodson, Sara (NIH/OD) [E]
<sara.dodson@nih.gov>

Subject: Re: final memo to FC on

royalties

Can you see his edits from the original?

Sent from my iPhone

On Jun 16, 2017, at 2:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sure, Mark. I'm taking a look at this now.

From: Rohrbaugh, Mark

(NIH/OD) [E]

Sent: Friday, June 16, 2017 3:43 PM

To: Dodson, Sara

(NIH/OD) [E]

<sara.dodson@nih.gov</pre>

Cc: Jorgenson, Lyric (NIH/OD) [E]

<jorgensonla@od.nih.g</pre>

0V>

Subject: Fwd: final memo to FC on royalties

Sorry to bug you late on Friday but could you try and edit this today based on my comments. I will send you Dale's edits separately

Sent from my iPhone

Begin forwarded message:

From:

"Rohrb

augh,

Mark

(NIH/O

D) [E]"

<RohrB

auM@

OD.NIH

.GOV>

Date:

June

16,

2017 at

2:28:40

PM CDT

To:

"Berkle

y, Dale

(NIH/O

D) [E]"

<Berkle

yD@OD

.NIH.G

OV>

Cc:

"Jorgen

son,

Lyric

(NIH/O D) [E]" <jorgen sonla@ od.nih. gov>, "Hamm ersla, Ann (NIH/O D) [E]" <<u>hamm</u> erslaa @mail. nih.gov Subject : Re: final memo to FC on royaltie



(b) (5)

The challen ge to edit it is that I am travelin g all day and can only work on my

iPhone.

Sent from

my

iPhone

On Jun

16,

2017,

at 3:09

PM,

Berkley

, Dale

(NIH/O

D) [E]

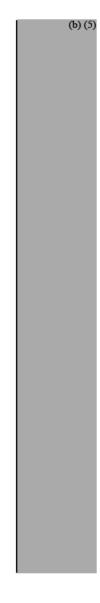
<Berkle

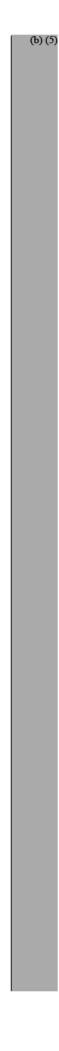
yD@OD

.NIH.G

<u>OV</u>>

wrote:







D
a
l
e
D
.
B
c
k
l
e
y
P
h
.
D

j . D e o f t h e G e n e r a l C o u n s e l P H D N I H B a n c h B l d g R m . 4 7 B e t h e s d a , M D 2 0 8 9 2 3 0 1 4 9 6 -6

s t r i b u t e d o r c o p e d t o p e r s o n s n o t a u t h r i z e d t o r e c e i v s u c h n f o r m a t i o n

F r o m : R o h r

b а u g h Μ а r k Ν Н 0 D [Ε] S е n t F r i d а У J е 1 6 , 2 0 1 7 3 0 7 Р Μ Т 0

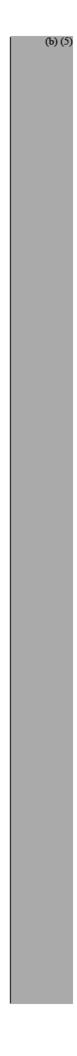
В е r k ١ е У D а e Ν Н 0 D [E] < <u>B</u> e r k L e ¥ D @ O D .. N .. <u>H</u> ... <u>G</u> <u>O</u> ∨ ... > **c** С J 0 g е n

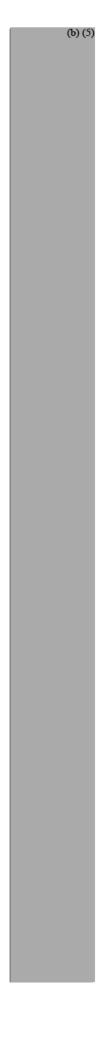
S 0 n L У r i С (Ν Н 0 D) [Ε] < ì 0 ŗ g <u>e</u> n 5 0 n . <u>a</u> @ <u>o</u> <u>n</u> į h : g <u>0</u> ⊻ Н а m е r S ١

а Α n n Ν Н 0 D [Ε] < h <u>a</u> $\underline{\mathbf{m}}$ $\underline{\mathbf{m}}$ ř ř ř a a @ \underline{m} a ì 1 $\underline{\mathbf{n}}$ ì h g <u>♀</u> ≥ > u b j е С t R е : f

inal memotoFC on royal ties

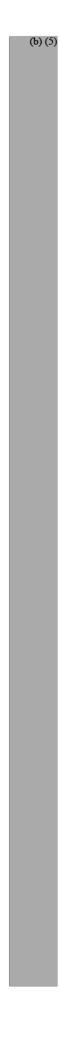
















S e n 0 m m У Ρ h n е 0 n J u n 1 6 2 0 1 7

а

t 1 1 : 2 6 Α Μ В e r k е У D а ı е Ν Н 0 D [Ε] < B e r k - e y D @ O D , Z - H . G O V >

W r 0 t е Α ŧ t а C h е d а е а f е W е d ţ s а n d C 0 m m е n t S f 0 У 0 u С 0 n

> s i d e r

а t i 0 n В е S ŧ D а е D a 1 e D , P h . D j . D O f f i c e o f t h e G e 1 , P

n t e n d

e d f

o r t h

c l u

u s e o f

h e r e

P

e n t (

s) n a

m e d

a b

I

a y c o n t

n i n f o r

o n t

s P R

orized toreceives uchinformation.

F 0 m 0 g е n s 0 n L У С (Ν Н 0 D) [E]

S е n t d а У u n е 1 6 2 0 1 7 1 0 0 7 Α Μ Т 0 В е е У D а Ν 1 Н / O D)

[E] R 0 h b а u g h Μ а Ν ı Н / 0 D) [E] <

R 이 h r p a u M @ 이 D . 지 ... H .. G 이 > > **s** u b j е С t F W n а m е m 0 0 F С О n 0 У а t

е S Н D а L е t m е а p 0 0 g Z e n а d ٧ а n С e 0 b е n g n е d У b е ı

е ٧ е Μ а r k R 0 h r b а u g h s е n t У 0 u а С 0 p У 0 h s d а е s p 0 n S e t 0 Κ Ε ı

е g а d n g C R 1 S Ρ R r 0 У а t е s W е а е У n g 0 g е u n d e F а n

i s е ٧ е W t 0 d а У b е 0 r e C а е e а ٧ е s t 0 D d У 0 u h а е а С h а

n

С е t 0 е е w ? Α g а n а p 0 0 g Z е 0 t h e u n а 0 u n d В е t

L У С F 0 m R 0 h b а u g h Μ а k Ν ı Н / 0 D [E] **S** е n t Μ 0 n d а У Μ а y 1 5

, 2 0 1 7 3 1 9 Р Μ Т 0 o g е n S o n у С Ν Н 0 D [Ε] < ž 0 Ľ g <u>e</u> n <u>s</u> 0 n <u>a</u>

<u>o</u> in in h 2. g 0 ⊻ > S u b j е C t n а m е m 0 t 0 F С 0 n 0 У а е s Μ а k

L

R

0 h b а u g h Ρ h D D S р e С а Α d S 0 0 Т е С h n 0 0 g У Т а n s f

е r D е С t 0 r D ٧ s 0 n 0 Т е С h n 0 0 g У Т а n S а n d n n 0 а 0 n Ρ

0 С У 0 С е 0 S С е n С е Р 0 С У 0 С е 0 h е D е С o а 0 n а

I n s t t u t е s 0 f Н е a t h < W F 3 6 5 6 K E I R e \mathbf{S} p o n S e O E R O S P (0 2)

O G C В e r k e y C o m m e n d c X

<WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx>

From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 6/16/2017 9:03:35 PM To: (b) (6)

Subject: Fwd: final memo to FC on royalties

Attachments: WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

From: "Dodson, Sara (NIH/OD) [E]" < sara.dodson@nih.gov>

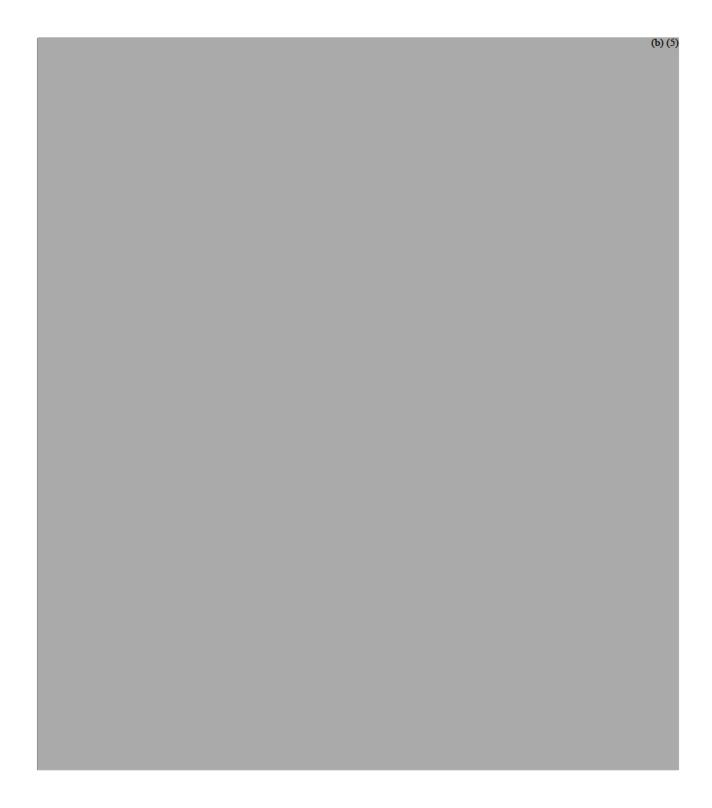
Date: June 16, 2017 at 3:59:06 PM CDT

To: "Rohrbaugh, Mark (NIH/OD) [E]" < RohrBauM@OD.NIH.GOV>

Subject: RE: final memo to FC on royalties

Sure, see the full letter below and the tracked changes Word doc attached.





From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:51 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you put the final showing your and Dales edits into the body of an email please? Lyric said i can get this in on Monday

Sent from my iPhone

On Jun 16, 2017, at 3:44 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote: Sorry – I somehow did that in the Word doc but not in the email body. It's changed. Anything else? From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:44 PM To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> Subject: Re: final memo to FC on royalties (b)(5)Sent from my iPhone On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> wrote: (b)(5)From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:36 PM To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> Subject: Re: final memo to FC on royalties (b)(5)Sent from my iPhone On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote: (b)(5)OK - Ignore my 4:24 reply. (b) (5)



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:29 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E] sara.dodson@nih.gov wrote:

I can see OGC's and 4 comments. Do you want me to send you all of the text in an email and highlight OGC's additions?



From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Friday, June 16, 2017 4:12 PM
To: Dodson, Sara (NIH/OD) [E]
<sara.dodson@nih.gov>

Subject: Re: final memo to FC on

royalties

Can you see his edits from the original?

Sent from my iPhone

On Jun 16, 2017, at 2:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sure, Mark. I'm taking a look at this now.

From: Rohrbaugh, Mark

(NIH/OD) [E]

Sent: Friday, June 16,

2017 3:43 PM To: Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov

Cc: Jorgenson, Lyric (NIH/OD) [E]

<jorgensonla@od.nih.g

ov>

Subject: Fwd: final memo to FC on

royalties

Sorry to bug you late on Friday but could you try and edit this today based on my comments. I will send you Dale's edits separately

Sent from my iPhone

Begin forwarded message:

From:

"Rohrb

augh,

Mark

(NIH/O

D) [E]"

<RohrB

auM@

OD, NIH

.GOV>

Date:

June

16,

2017 at

2:28:40

PM CDT

To:

"Berkle

y, Dale

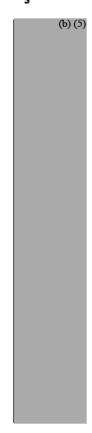
(NIH/O

D) [E]"

<Berkle

yD@OD

.NIH.G OV> Cc: "Jorgen son, Lyric (NIH/O D) [E]" <jorgen sonla@ <u>od.nih.</u> gov>, "Hamm ersla, Ann (NIH/O D) [E]" <<u>hamm</u> erslaa @mail. nih.gov > Subject : Re: final memo to FC on royaltie s



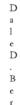
(b) (5) The

challen ge to edit it is that I am travelin g all day and can only work on my iPhone.

Sent from my iPhone

On Jun
16,
2017,
at 3:09
PM,
Berkley
, Dale
(NIH/O
D) [E]
<Berkle
yD@OD
.NIH.G
OV>
wrote:

(b) (5)



k l e y P h . D j . D Office offthe Geneeral Counsel P H D N I H B a
n
c
h
B
l
d
g
. R m . 4 7 B e t h e s d a , M D 2 0 8 9 2

: R 0 h r b а u g h M а r k N Н 0 D [Ε] S е n t r d a У J n e 1 6 2 0 1 7 3 0 7

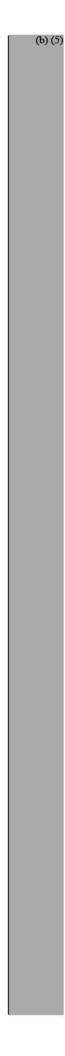
Р M Т 0 : В е r k e У D a 1 e N Н 0 D [E] < В erk - eyD@OD . Z - H . GOY> C c : J

0 r g е n S 0 n L y r i С N 1 Н 0 D) [Ε] < $\underline{0}$ r g <u>e</u> n <u>S</u> 0 <u>n</u> ! <u>a</u> 0 0 <u>n</u> <u>i</u> h g 0 <u>∨</u> > Н a m

m е r S 1 a Α n n N 1 Н 0 D [E] < h <u>a</u> $\underline{\mathbf{m}}$ $\underline{\mathsf{m}}$ e Ţ 5 1 <u>a</u> a @ $\underline{\mathbf{m}}$ <u>a</u> 1 <u>n</u> <u>i</u> h : g <u>v</u> > S u b j е C t

: R e f n a m e m 0 t 0 F C 0 n r 0 У a e S









(b) (5)



S е n t f m m γ Ρ h 0 n е 0 n J u n 1 6 2

0 1 7 а t 1 1 : 2 6 Α Μ , В е r k e У , D а е N -Н 0 D E] < BerkiesyD@OD **

. G ○ ∨ × w r o t e :

> Α t ŧ а С h е d а е а f е W е d t S а n d C 0 m m е n ţ s f 0 У 0 u C 0 n

S i d а 0 n В е S ŧ D а е D a l e D y P h . D D h e G e n e r a l

n t

n d

o

h

x c 1 u

u

e o f

t h

p

e n t (s

n a m e d a b

I

y c o

n i n f

m

o n

t h a t i s P R O T E C T E D o r P R I V I L E G E D , a n d i t

s h

d n o t b e d

m i

n a t

e d

d i

t r i b

e d

o r c o p i e d t

o p e r s o

s no ot a ut h or receive es u chin for mattion.

F r 0 m J 0 r g e n s 0 n У С Ν ı Н / 0

D Ε] S е n t d а У u n е 1 6 , 2 0 1 7 1 0 0 7 Α Μ Т В е У , D а е Ν

H / O D) [Ε] < B e r k - e y D @ O D . N - H . G O V > C С R 0 h b а u g h Μ а k N Н / O D

) [E] < RIOH - B a 비원 @ OD , 지 - H . G O > > S u b j е С t F W n а е m О t o F С О n r 0

У а е s Н D а е L е m е а р 0 0 g Z е n а d а n С е f 0 b e n g n е е d У

ı b е е ٧ е Μ а k R 0 h b а u g h S е n t У 0 u а С 0 р У 0 s d а е s р 0 n s е t

0 K Ε е g а d n g C R ı S Р R r 0 У а е s W e а е У n g t 0 g е t n d е

F а n С e е W t 0 d а У b е 0 r е С а e е а е S 0 D d У 0 u h а ٧

а С h а n С е t 0 е ٧ е W ? Α g а n а р 0 0 g Z е 0 h е t n а 0 u n d В е

s t L У С F 0 m R 0 h b а u g h Μ а k Ν ı Н / 0 D [E] S е n t Μ 0 n d а У , М

а У 1 5 , 2 0 1 7 3 1 9 Р Μ Т 0 0 g е n s 0 n У С Ν ı Н 0 D [E] < ì 0 ŗ g <u>e</u> $\underline{\mathbf{n}}$ <u>s</u> 0

n ! a @ o d g O <u>∨</u> S u b j е С t n а m е m О t 0 F С О n 0 У а е s

M a

r

k L R 0 h b а u g h P h D D S р е С а Α d S 0 0 Т е С h n 0 0 g У Т

n s e D е С t 0 D S 0 n 0 T e C h n 0 0 g y T a n s a n d a t

0 n P 0 С У 0 C е 0 S C e n C е Ρ 0 С У 0 С e 0 h e D е C N a i 0

n а n S t u t е s 0 f Н e a t h < W F 3 6 5 6 5 6 K E I R e S p o n S e O E R O S P (0 0 2

) - O G C B e r k l e y C o m m e n t s . d o c x >

From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 6/16/2017 10:47:31 PM

To: Dodson, Sara (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Dodsonse]

Subject: Re: final memo to FC on royalties

Tour of the Deep South with
(b) (6)

Sent from my iPhone

On Jun 16, 2017, at 5:33 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

didn't realize you were in the 'ham! Hope you have a nice visit.

I'm attached a fresh Word doc with those changes to the last paragraph incorporated.

Have a great weekend, Sara

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 6:19 PM

To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Yes. Thx for your help

Greetings from Birmingham AL

Sent from my iPhone

On Jun 16, 2017, at 4:34 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 5:28 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

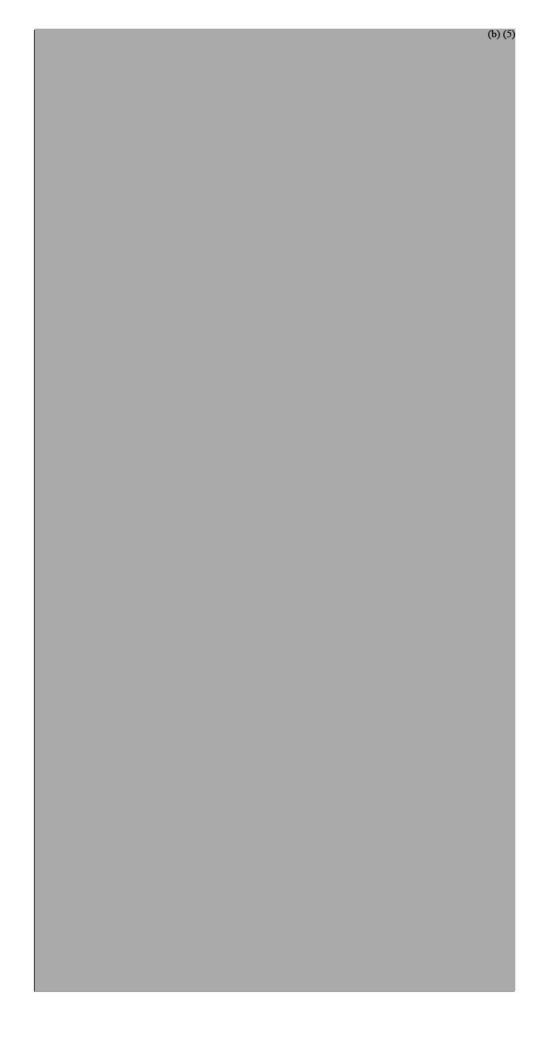
Subject: Re: final memo to FC on royalties

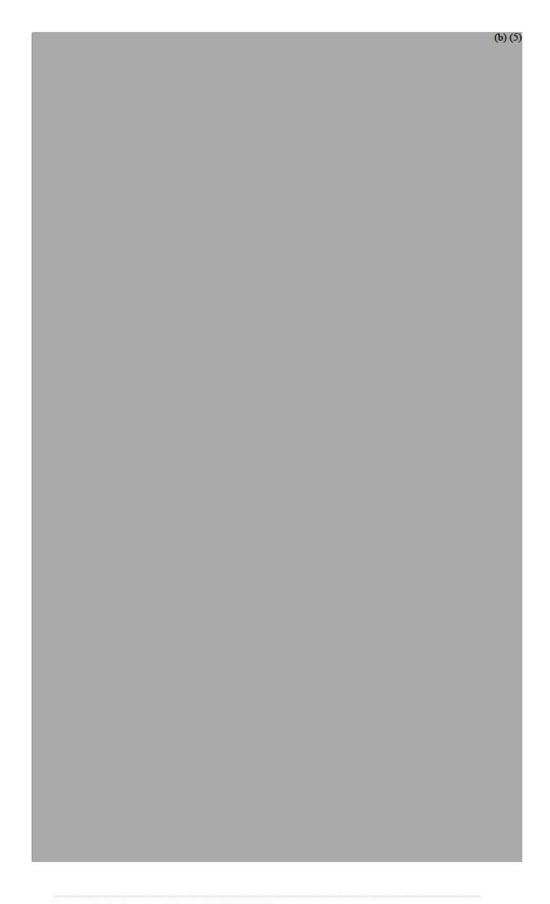
Thanks. How about. (6) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sure, see the full letter below and the tracked changes Word doc attached.





From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:51 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you put the final showing your and Dales edits into the body of an email please? Lyric said i can get this in on Monday

Sent from my iPhone

On Jun 16, 2017, at 3:44 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sorry – I somehow did that in the Word doc but not in the email body. It's changed. Anything else?

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:44 PM

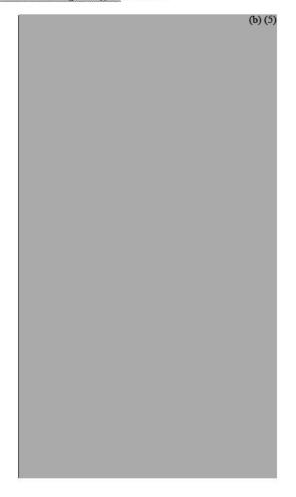
To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] <ara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Friday, June 16, 2017 4:36 PM
To: Dodson, Sara (NIH/OD) [E]
<sara.dodson@nih.gov>

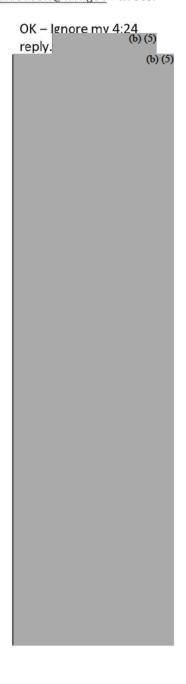
Subject: Re: final memo to FC on

royalties



Sent from my iPhone

On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark

(NIH/OD) [E]

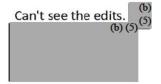
Sent: Friday, June 16,

2017 4:29 PM **To:** Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov

>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov

> wrote:

I can

see

OGC's

and 4

comme

nts. Do

you

want

me to

send

you all

of the

text in

an

email

and

highligh

t OGC's

additio

ns?



(b) (5)

From:

Rohrba

ugh,

Mark

(NIH/O

D) [E]

Sent:

Friday,

June

16,

2017

4:12

PM

To:

Dodson

, Sara (NIH/O

D) [E]

<sara.d

<u>odson</u>

@nih.g

OV>

Subject

:Re:

final

memo

to FC

on

S Can you see his edits from the original ? Sent from my iPhone On Jun 16, 2017, at 2:59 PM, Dodson , Sara (NIH/O D) [E] <sara.d odson @nih.g ov> wrote: S u r e M а r k 1 m t a k i n g a

0

royaltie

0 k a t t h S n 0 W F r 0 m : R 0 h r b a u g h M а r k N 1 Н 0 D) [E] S е n t : F r i d а

У u n е 1 6 , 2 0 1 7 3 : 4 3 Р M T 0 D 0 d S 0 n S а r a N Н 0 D [E] < <u>S</u> a r a : d o d

s o n @ <u>n</u> <u>i</u> <u>h</u> ٤ g <u>0</u> ≥ C c : J 0 r g e n S 0 n L У C N 1 Н 0 D) [E] < -0 r g <u>e</u> <u>n</u> <u>S</u> 0 n Ĩ a

@ o d .. <u>n</u> <u>i</u> h ٤ g u b j е c t : F W d f n a 1 m e m 0 t 0 F C 0 n 0 У e S S 0 r

У t 0 b u g у 0 u a t e 0 n r d a У b u C 0 u d У 0 u t У n d е d h i S t d a У b

S е d 0 n m у C 0 m m e n t S 1 W S е n d У 0 u D a e S е d i t S S e p a a t 1 У S e

n

t f r 0 m m у i P h 0 n e В е g n f 0 W a r d е d m е S s a g е

F r o m : " R o h r b a u g h

M a k N Н / 0 D) [E] < ROHLBON NOON NOON NOON NOON NO а t e u n е 1 6 , 2 0 1 7

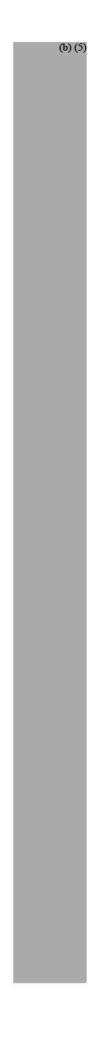
a t 2 2 8 4 0 P M C D Т Т 0 В e k е У , D a е N Н 0 D [E] < BerkleyD@O

D . N ... H .. G O > > C c 0 g e n S 0 n у С N Н 0 D) [] " < o r g e n s 0 <u>n</u> <u>l</u>

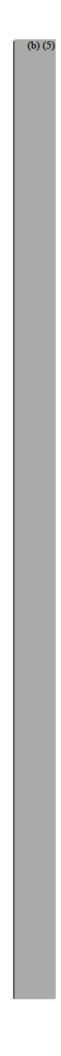
<u>@</u> o: d : n i h * g 0 > > Н а m m e S a Α n n N Н 0 D [E] < h a m m e ŗ 5 <u>a</u> <u>@</u> <u>m</u> a

n h g 0 ⊻ > S u b j e C t R е a m е m 0 t 0 F C 0 n 0 y е s (b) (5)





(b) (5)



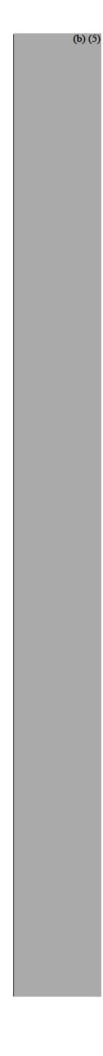


T h e C h a n g e 0 e d S t h a t а m t a ٧ e i n

g a d a У a n d С a n 0 n У W 0 k 0 n m У P h 0 n e S е n 0 m m У Ρ h 0 n е 0 n

u n 1 6 , 2 0 1 7 a t 3 0 9 P Μ В е k e У D a e (N Н 0 D [E] VBerkleyD@O







D
a
l
e
D
.
B
e
r
k
l
e
y
.
D
.
D
.
D
.

o r c o p e d t o p e r s o n s h o n

From:Rohrbaugh

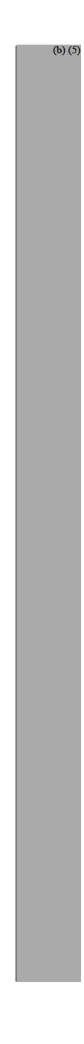
Μ а N Н 0 [E] S е n t F d a У u n e 1 6 2 0 1 7 3 0 7 P M Т 0 В е k ١ е

У , D a е N Н / 0 D [E] < B @ r k - @ Y D @ O D . N - H . G O V > C С J 0 g n 0 Ĺ у

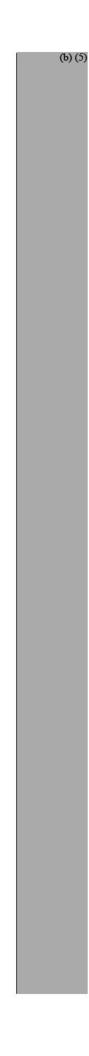
r C N H 0 D [E] < · mmi i i h - 00 V > Н a m m S a Α n

N 1 Н 0 D [E] < h <u>a</u> \underline{m} m ersilaaa@mai 11 C .maj h g 0 > × S u b j е C t R е f n a m

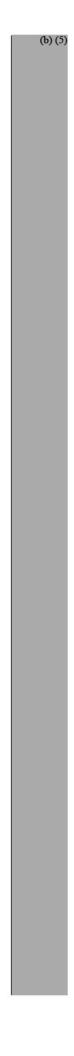
m 0 t 0 F C o n 0 У a e S (b) (5)

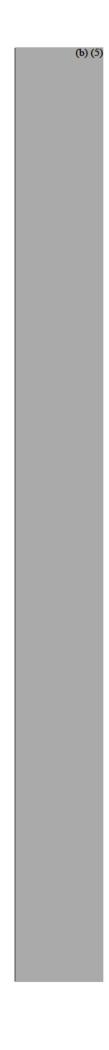


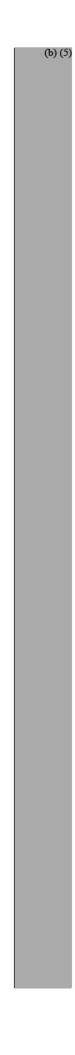
(b) (5)

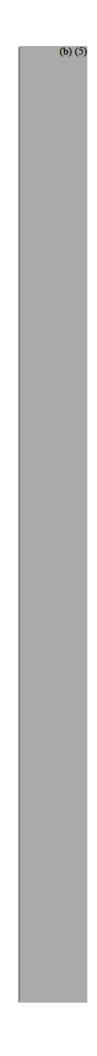


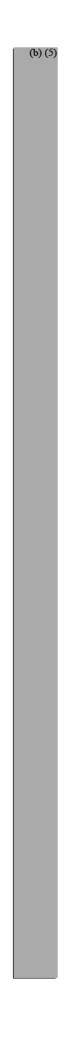
(b) (5)













S е f 0 m m у Р h 0 n e 0 J n 1 6 , 2 0 1 7 а t 1 1 2 6

Α Μ В e е D а е Ν Н 0 D [Ε] < B e r k <u>e y D @ O D .. N .. H . G O Y > </u> w е

Α t ŧ а C h е d а r e а f е W е d ŧ S а n d С 0 m m е n ŧ 5 f 0 r У 0 u ¢ 0 n S i d e а ţ i 0 n

В е S ŧ D а e D a 1 e D P h . D . D o f f t h e G e n e , P H D , N I H B r a n c

B l d g .

R m

. 4 7 B e t h e

s d a

, M D

a x) T h

n t e n d e d f o r t

s)
n
a
m
e
d
a
b
o
v

I

m a y c o n t

m a t i

t h a t; s P R O T E C T E D o r P R I

V I L E G E D

a n d i

e m i

e d

F r 0 m J О r g е n S o n L У С Ν ı Н 0 D E] S е n t F r

i d а У J u n е 1 6 , 2 0 1 7 1 0 0 7 Α Μ Т 0 В e r k e У , D а ١ e Ν Н 0 D [E] < <u>B</u> e r

 $k \perp e \vee D @ O D . N \perp H . G O \vee > C c : R$ o h r b a u g h , М а r k N ı Н / O D [E] < R Oh r B a u

u b j е С t : F W f n а I m e m 0 t 0 F С o n О У а t e s Н i D а

ı e L е t m е а р О ı o g i Z е i n а d ٧ а n С е f 0 b e n g n e е d У 1 b e ١ е ٧ е Μ а r k

R О h r b а u g h s е n t У О u а С О р У o t h s d r а f t r e S р О n s e t О K Ε ı r e g а r d i n

g C R S P R r О У а t е S W e а е t r У n g t О g е u n d e F а n е ٧ i

е W t o d а У b е f О r e С а r r e ı е а ٧ е s t o w n D i d У 0 u h а ٧ е а С h а n С е t 0 r е ٧

i е w ? Α g а i n ı а р o 0 g i Z е f 0 t е t u n а r О u n d В е S t L У С F r

0 m : R o h r b а u g h Μ а r k Ν Н 0 D [Ε] S е n t Μ o n d а У Μ а У 1 5 , 2 0 1 7 : 1

9 Р Μ Т 0 : J o r g e n s o n L У С Ν Н 0 D) [Ε] < ì : n h g :

<u>∨</u> > **S** u b j е С t f n а ١ m е m o t О F C О n r О У а e s Μ а r k L R О h r b а u

g h

, Р h D J D S р е С а Α d s О r o r Т е С h n О o g У Т а n S f е D е С t o

r D s i О n 0 f Т е С h n 0 o g У Т r а n s f e r а n d n n О а 0 n Р 0 У 0 f f i

С e o f S С i е n С е P o С У 0 f С е О f h e D e С t 0 Ν а 0 n а s t u t e

s 0 f Н e а t h < W F 3 6 5 6 K E I R e S p o n \mathbf{S} e O E R O S P (0 0 2) - - O G C B e r k 1 e

y C o m m e n t s . d o c x >

<WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx>

<WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx>

From:

Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent:

6/16/2017 10:46:04 PM

To:

Subject:

Fwd: final memo to FC on royalties

Attachments: WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx; ATT00001.htm

Sent from my iPhone

Begin forwarded message:

From: "Dodson, Sara (NIH/OD) [E]" <sara.dodson@nih.gov>

Date: June 16, 2017 at 5:33:46 PM CDT

To: "Rohrbaugh, Mark (NIH/OD) [E]" < RohrBauM@OD.NIH.GOV>

Subject: RE: final memo to FC on royalties

I didn't realize you were in the 'ham!

(b) (6) Hope you have a nice visit.

I'm attached a fresh Word doc with those changes to the last paragraph incorporated.

Have a great weekend,

Sara

From: Rohrbaugh, Mark (NIH/OD) [E] **Sent:** Friday, June 16, 2017 6:19 PM

To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Yes. Thx for your help

Greetings from Birmingham AL

Sent from my iPhone

On Jun 16, 2017, at 4:34 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Yeah, that seems good.

(b)(5)

(b)(5)

From: Rohrbaugh, Mark (NIH/OD) [E] **Sent:** Friday, June 16, 2017 5:28 PM

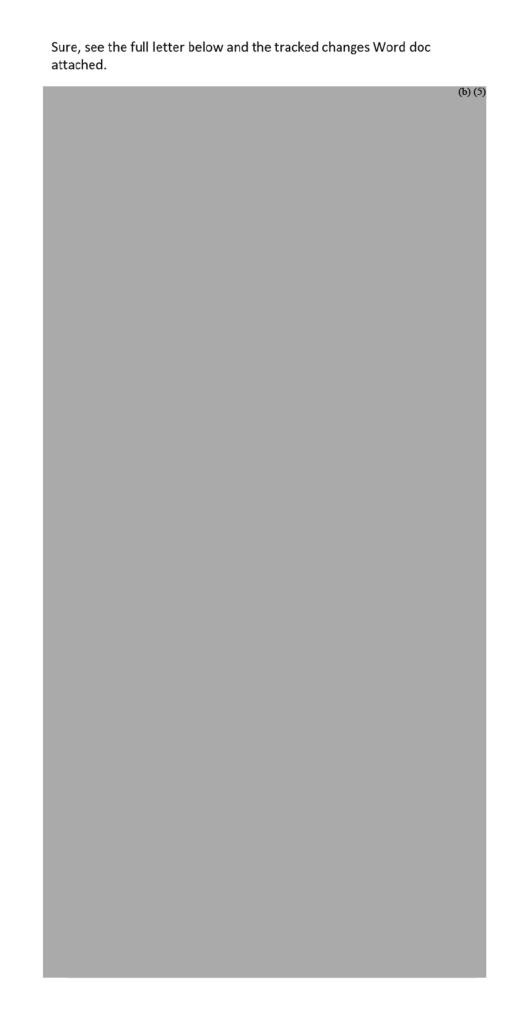
To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

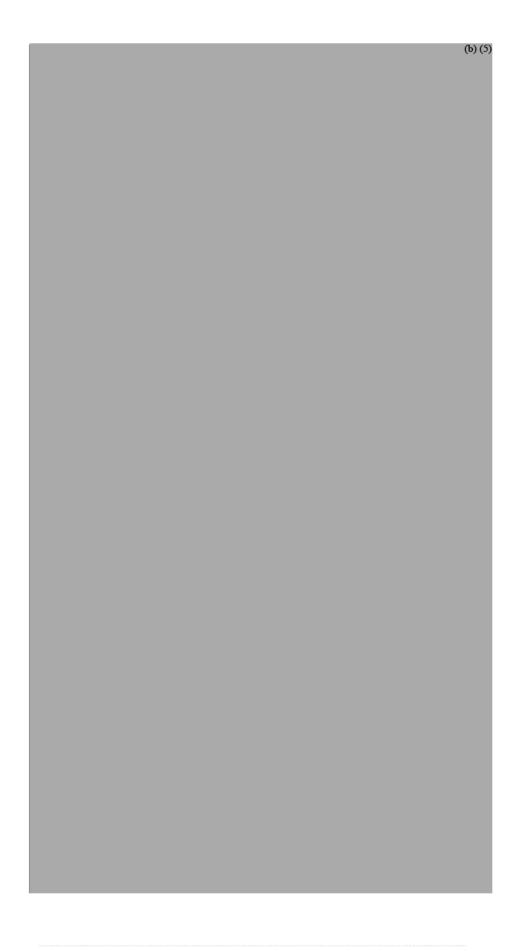
Subject: Re: final memo to FC on royalties

Thanks. How about.

Sent from my iPhone

On Jun 16, 2017, at 3:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:





From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:51 PM

To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you put the final showing your and Dales edits into the body of an email please? Lyric said i can get this in on Monday

Sent from my iPhone

On Jun 16, 2017, at 3:44 PM, Dodson, Sara (NIH/OD) [E] sara.dodson@nih.gov wrote:

Sorry – I somehow did that in the Word doc but not in the email body. It's changed. Anything else?

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:44 PM

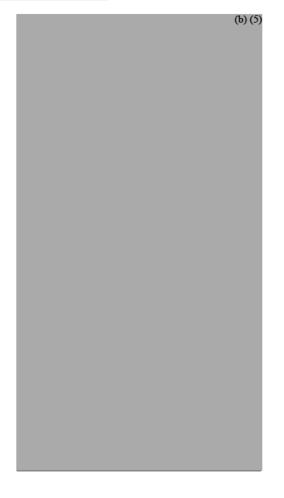
To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark (NIH/OD) [E]
Sent: Friday, June 16, 2017 4:36 PM
To: Dodson, Sara (NIH/OD) [E]
<sara.dodson@nih.gov>

Subject: Re: final memo to FC on

royalties



Sent from my iPhone

On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov> wrote:





From: Rohrbaugh, Mark

(NIH/OD) [E]

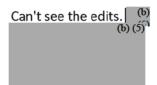
Sent: Friday, June 16,

2017 4:29 PM **To:** Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov</pre>

>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E]

<sara.dodson@nih.gov

> wrote:

I can

see

OGC's

and 4

comme

nts. Do

you

want

me to

send

you all

of the

text in

an

email

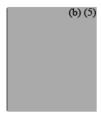
and

highligh

t OGC's

additio

ns?





From:

Rohrba

ugh,

Mark

(NIH/O

D) [E]

Sent:

Friday,

June

16,

2017

4:12

PM

To:

Dodson

, Sara

(NIH/O

D) [E]

<sara.d

odson

@nih.g

<u>0V</u>>

Subject

: Re:

final

memo

to FC

on royaltie s Can you see his edits from the original ? Sent from my iPhone On Jun 16, 2017, at 2:59 PM, Dodson , Sara (NIH/O D) [E] <sara.d <u>odson</u> @nih.g ov> wrote: S u r e Μ а r k 1 m t а k i n g а

١

0 0 k а t t i S n О w F r 0 m R 0 h r b а u g h Μ а r k Ν -Н 0 D) [E] S е n t F r i d

а У J u n e 1 6 , 2 0 1 7 3 : 4 3 Р Μ Т 0 : D 0 d S 0 n , S а r а Ν • Н 0 D [Ε] < <u>S</u> <u>a</u> r a ₫ 0

d si o n @ $\overline{\mathbf{n}}$ i h 2 С : J 0 r g е n s 0 n L У r С (Ν Н / 0 D [E] < ju j $\underline{\circ}$ r g e n <u>s</u> <u>Ω</u> <u>I</u>

<u>a</u> <u>@</u> o d * n h ... g <u>∨</u> S u b j е C t F W d f n а m e m О t 0 F C 0 n r 0 У t S S О

r У t 0 b u g У 0 u а t е 0 n F r i d а У b u t С 0 u ı d У 0 u У а d d h t 0 d а У b

а S e d 0 n m У С 0 m m е n t S w s е n d У О u D а ı е S d S S e p t ١ У S

е

n t f r 0 m m У i Р h 0 n е В е g i n f 0 r w а r d e d m e s s а g е

From: Rohrbaugh

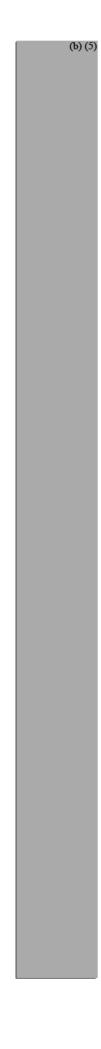
, М а k Ν ı Н 0 D [Ε] < RIOLE - B a U M @ O D .. N - H .. G O > A D а е u n e 1 6 , 2 0 1

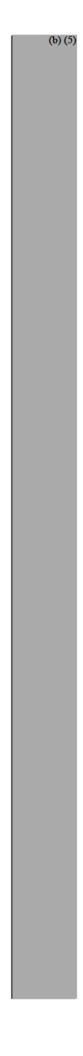
7 a t 2 2 8 4 0 Р Μ С D Т Т 0 В е k e У D а e (Ν Н / 0 D [E] < B e r k l e y D @

O D . N .. H .. G O Y > C С 0 g е n S 0 n L у С Ν Н / 0 D [Ε] < ì $\underline{\circ}$ ŗ g e n <u>s</u> <u>o</u> <u>n</u> <u>I</u>

0 0 0 n i h 2 g $\underline{\circ}$ <u>∨</u> Н а m m e s a Α n n Ν Н / 0 D [E] < h <u>a</u> $\underline{\mathbf{m}}$ m e Ľ <u>s</u> 1 <u>a</u> <u>a</u> <u>@</u> m

 $\underline{\mathbf{n}}$ h * g <u>∨</u> × S u b j C R m е m 0 F C 0 y





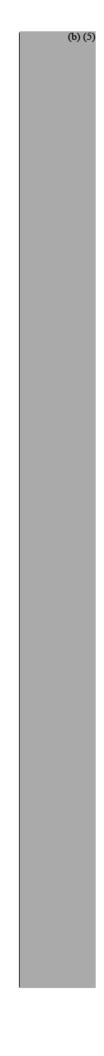


h n g e 0 e d h

n g а d а у а n d С а n 0 n у W 0 k 0 n m У Р h 0 n е S е n 0 m m У P h 0 n е 0 n

J u n 1 6 , 2 0 1 7 а t 3 0 9 Р Μ В e k е у D а e Ν Н / 0 D [E] V B e r k L e y D @

000.11.11.00 w o e (b) (5)





D
a
l
c
D
.
B
e
r
k
l
e
y
P
h
.
D
.

Office of the General Counsel P H D , N I H B r a n c h B l d g . 3 1 R m . 4 7 B e t h e s d a , M D 2 0 8 9 2 3 0 1 -4 9 6 -6 0 4 3 0 1 1 -

e d o r c o P i e d t m a

. o m : R o h r b a u g h

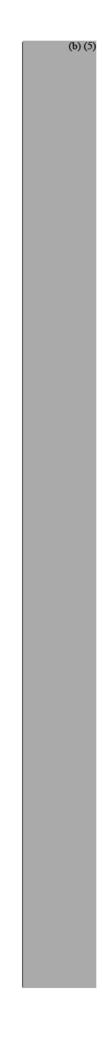
, M а Н 0 D Ε] S е n d а u n e 1 6 , 2 0 1 7 3 0 7 Р Μ Т В k

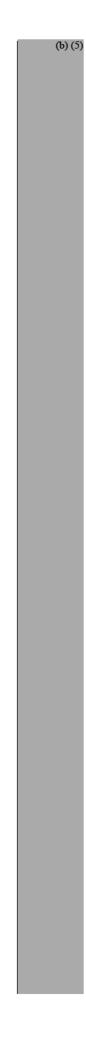
е У D а е Ν Н 0 D [Ε] < Berkere ADOD <u>. N</u> .. H .. G O ∨ > C С J g

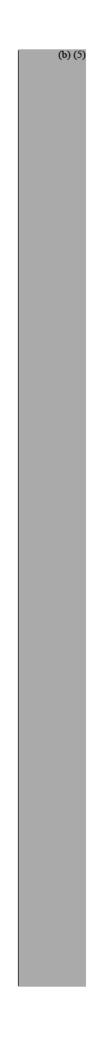
y r С Ν Н 0 D [E] < Seems 1 a @ o d n h - ad O > ⊼ Н а m S ١ а Α n

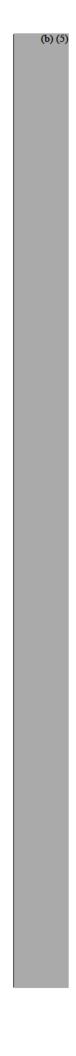
(N Н 0 D) [E] < h <u>a</u> m m s E <u>a</u> <u>a</u> @ <u>m</u> <u>a</u> <u>i</u> . <u>n</u> h . g o ⊻ > **S** b j е С R f а I m

e motoFConroyalties



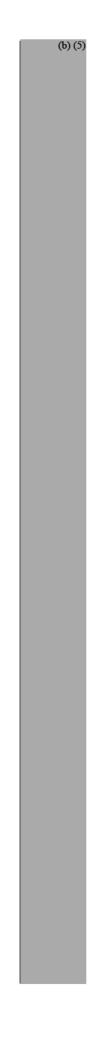








(b) (5)





S е 0 m m У Ρ h 0 n e 0 J n 1 6 , 2 0 1 7 а t 1 1

2

6 Α Μ В e k е У D а е Ν Н 0 D) [E] w 0 t

e :

n В е \$ ŧ D а е D a l e D , P h . D . D t h e G , P H D , N I H B

r a n c h B 1 d g

, R m . 4 7 B e t h e

s d a

, M D

n t e n d e

r t h

n a m e d

I

P R O T E C T E D

o r P R I V I L E G E D

a n d i t

s h o u 1

e d

t r i b u t

e d

r i z e d t

F r 0 m J o g e n S О n 0 D [E] S е n t

: F d а У u n e 1 6 , 2 0 1 7 1 0 0 7 Α Μ Т 0 В e k е У D а е Ν Н 0 D Ε] <

R О h r b а u g h Μ а k Ν Н 0 D [Ε] < R @ h r

b j е С t : F W f i n а ١ m e m 0 t o F С О n r o У а t i е s

Н i D а I е L е t m e а р o 0 g Z e i n а d ٧ а n С e f 0 r b е i n g n e e d у b I е ٧ e

M a K R 0 h r b а u g h S е n t У О u а С 0 р У 0 h S d r а f t r e S р О n S e t О Κ Ε I е g а

r d i n g C R 1 S Р R r o у а t e s W е а е t У n g t 0 g е u n d e а n С S

r e ٧ i e W t О d а У b e f o r е С а r r e ı e а ٧ e s t 0 w n D i d У 0 u h а ٧ е а С h а n С e t

0 r e ٧ i е w ? Α g а i n ı а p o 0 g i Z e f o r t h e t u r n а r 0 u n d В е S t L У r

i С F r 0 m : R o h r b а u g h Μ а r k Ν • Н 0 D) [E] S е n t : Μ o n d а у Μ а у 1 5 , 2 0

1 7 3 1 9 Р Μ Т 0 : J 0 r g e n s О n L У С Ν ı Н 0 D [E] < ì r g <u>e</u> <u>n</u> <u>s</u> n I <u>a</u> @ <u>d</u>

n i h g ⊙ ≥ > **S** u b j е С t f n а ١ m е m О t o F С o n r 0 У а t е s Μ а k L R o h

b а u g h Р h D J D S р e С а Α d s 0 o r Т е С h n 0 ١ 0 g У Т а n s f е r D i

r e С t 0 r D i s i o n o f Т e С h n 0 0 g у Т r а n s f e r а n d n n 0 а t o P o ı i

С У 0 f С е О f S С i е n С е P o С У 0 С e 0 h e D е С t 0 Ν а t o а ı n s

t i t u t е S o f Н e а t h < W F 3 6 5 6 K E I R e S p o n s e O E R O S P (0 0 2) - - O G C

В e r k 1 e y C o m m e n t S d o c X >

<WF365656 KEI Response OEROSP (002)--OGCBerkleyComments_MR.docx> From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 6/16/2017 8:35:05 PM

To: Dodson, Sara (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Dodsonse]

Subject: Re: final memo to FC on royalties

(b) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov > wrote:

OK – Ignore my 4:24 reply.

(b) (5)

(b) (5)

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:29 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can't see the edits.

Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

I can see OGC's and 4 comments. Do you want me to send you all of the text in an email and highlight OGC's additions?



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:12 PM

To: Dodson, Sara (NIH/OD) [E] <<u>sara.dodson@nih.gov</u>>

Subject: Re: final memo to FC on royalties

Can you see his edits from the original?

Sent from my iPhone

On Jun 16, 2017, at 2:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 3:43 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>
Cc: Jorgenson, Lyric (NIH/OD) [E] < jorgensonla@od.nih.gov>

Subject: Fwd: final memo to FC on royalties

Sorry to bug you late on Friday but could you try and edit this today based on my comments. I will send you Dale's edits separately

Sent from my iPhone

Begin forwarded message:

From: "Rohrbaugh, Mark (NIH/OD) [E]"

<RohrBauM@OD.NIH.GOV>

Date: June 16, 2017 at 2:28:40 PM CDT

To: "Berkley, Dale (NIH/OD) [E]"

<BerkleyD@OD.NIH.GOV>

Cc: "Jorgenson, Lyric (NIH/OD) [E]"

<jorgensonla@od.nih.gov>, "Hammersla, Ann (NIH/OD)

[E]" < hammerslaa@mail.nih.gov >

Subject: Re: final memo to FC on royalties



The challenge to edit it is that I am traveling all day and can only work on my iPhone.

Sent from my iPhone

On Jun 16, 2017, at 3:09 PM, Berkley, Dale (NIH/OD) [E] <BerkleyD@OD.NIH.GOV> wrote:



Dale D. Berkley, Ph.D., J.D. Office of the General Counsel, PHD, NIH Branch Bldg. 31, Rm. 47 Bethesda, MD 20892 301-496-6043 301-402-2528(Fax) This message is intended for the exclusive use of the recipient(s) named above. It may contain information that is PROTECTED or PRIVILEGED, and it should not be disseminated, distributed, or copied to persons not authorized to receive such information.

From: Rohrbaugh, Mark (NIH/OD) [E]

Sent: Friday, June 16, 2017 3:07 PM

To: Berkley, Dale (NIH/OD) [E]

BerkleyD@OD.NIH.GOV">BerkleyD@OD.NIH.GOV

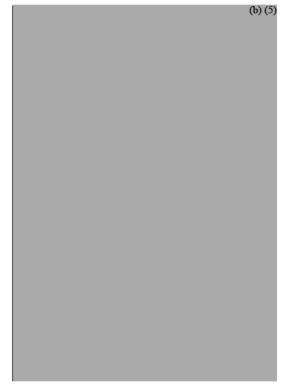
Cc: Jorgenson, Lyric (NIH/OD) [E]

siorgensonla@od.nih.gov>; Hammersla,

Ann (NIH/OD) [E]

hammerslaa@mail.nih.gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 11:26 AM, Berkley, Dale (NIH/OD) [E] <BerkleyD@OD.NIH.GOV> wrote:

Attached are a few edits and comments for your consideration.

Best, Dale

Dale D. Berkley, Ph.D., J.D. Office of the General Counsel, PHD, NIH Branch Bldg. 31, Rm. 47
Bethesda, MD 20892
301-496-6043
301-402-2528(Fax)
This message is intended for the exclusive use of the recipient(s) named above. It may contain information that is PROTECTED or PRIVILEGED, and it should not be disseminated, distributed, or copied to persons not authorized to receive such information.

From: Jorgenson, Lyric

(NIH/OD) [E]

Sent: Friday, June 16, 2017 10:07 AM To: Berkley, Dale (NIH/OD) [E] <BerkleyD@OD.NIH.GO

V>

Cc: Rohrbaugh, Mark (NIH/OD) [E]

<RohrBauM@OD.NIH.G

OV>

Subject: FW: final memo to FC on royalties

Hi Dale,

Let me apologize in advance for being needy— I believe Mark Rohrbaugh sent you a copy of this draft response to KEI regarding CRISPR royalties. We are trying to get it under Francis' review today before Carrie leaves town. Did you have a chance to review?

Again – I apologize for the turn around.

Best,

Lyric

From: Rohrbaugh, Mark

(NIH/OD) [E]

Sent: Monday, May 15,

2017 3:19 PM

To: Jorgenson, Lyric (NIH/OD) [E] <jorgensonla@od.nih.g oy>
Subject: final memo to FC on royalties

Mark L. Rohrbaugh, Ph.D., J.D. Special Advisor for Technology Transfer Director, Division of Technology Transfer and Innovation Policy Office of Science Policy Office of the Director National Institutes of Health

<WF365656 KEI Response OEROSP (002)--OGCBerkleyCommen ts.docx> From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM] Sent: 6/16/2017 8:55:35 PM Dodson, Sara (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP To: (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Dodsonse] Subject: Re: final memo to FC on royalties And send the word attachments with the edits too please Sent from my iPhone On Jun 16, 2017, at 3:44 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote: Sorry - I somehow did that in the Word doc but not in the email body. It's changed. Anything else? From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:44 PM To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> Subject: Re: final memo to FC on royalties (b) (5) Sent from my iPhone On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote: (b)(5)From: Rohrbaugh, Mark (NIH/OD) [E] **Sent:** Friday, June 16, 2017 4:36 PM To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> Subject: Re: final memo to FC on royalties (b)(5)Sent from my iPhone On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

OK - Ignore my 4:24 reply

(b)(5)

REL0000024774



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:29 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can't see the edits.
(b) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

I can see OGC's and 4 comments. Do you want me to send you all of the text in an email and highlight OGC's additions?



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:12 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you see his edits from the original?

Sent from my iPhone

On Jun 16, 2017, at 2:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sure, Mark. I'm taking a look at this now.

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 3:43 PM To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Cc: Jorgenson, Lyric (NIH/OD) [E] <jorgensonla@od.nih.gov>

Subject: Fwd: final memo to FC on

royalties

Sorry to bug you late on Friday but could you try and edit this today based on my comments. I will send you Dale's edits separately

Sent from my iPhone

Begin forwarded message:

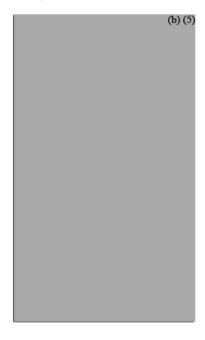
From: "Rohrbaugh, Mark (NIH/OD) [E]" <RohrBauM@OD.NIH.G OV>

Date: June 16, 2017 at 2:28:40 PM CDT To: "Berkley, Dale (NIH/OD) [E]" <BerkleyD@OD.NIH.GO

V>

Cc: "Jorgenson, Lyric (NIH/OD) [E]"
<jorgensonla@od.nih.g
ov>, "Hammersla, Ann (NIH/OD) [E]"
<hammerslaa@mail.nih
.gov>

Subject: Re: final memo to FC on royalties

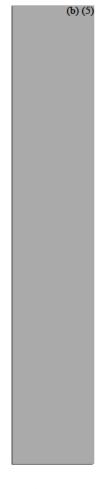




The challenge to edit it is that I am traveling all day and can only work on my iPhone.

Sent from my iPhone

On Jun 16, 2017, at 3:09 PM, Berkley, Dale (NIH/OD) [E] <<u>BerkleyD@OD.NIH.GO</u> <u>V</u>> wrote:



Dale D.
Berkley,
Ph.D., J.D.
Office of
the General
Counsel,
PHD, NIH
Branch
Bldg. 31,
Rm. 47
Bethesda,
MD 20892

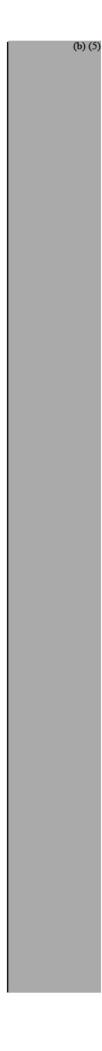
301-496-6043 301-402-2528(Fax) This message is intended for the exclusive use of the recipient(s) named above. It may contain information that is PROTECT ED or PRIVILEG ED, and it should not disseminate d, distributed, or copied to persons not authorized to receive such information

From: Rohrba ugh, Mark (NIH/O D) [E] Sent: Friday, June 16, 2017 3:07 PM To: Berkley , Dale (NIH/O D) [E] <Berkle yD@OD .NIH.G <u>0V</u>> Cc: Jorgens on,

Lyric (NIH/O D) [E] <jorgen sonla@ od.nih.

<u>gov>;</u> Hamme rsla, Ann (NIH/O D) [E] <hamm <u>erslaa</u> @mail. nih.gov > Subject : Re: final memo to FC on royaltie





(b) (5) Sent

Sent from my iPhone

On Jun 16, 2017, at 11:26 AM, Berkley , Dale (NIH/O D) [E] <Berkle
yD@OD
.NIH.G
OV>
wrote:

ţ ŧ а c h е d а r е а f е W е d i ŧ S а n d c 0 m m е n t S f 0 r У 0 u r C 0 n S i d e r а

ŧ i 0 n В e S t D а ı е D a l e D B e r k l e y , P h . D . D . O f f i c e o f theeGeneeralCounsel P H D

, N I H B r a n c h B l d g . 3 1 R m . 4 7 B e t h s d , M D 20892301-496-6043301-402-2528(Fax)Thi s m e s s i n t

i z e d d t o r e c e i v e s u c h i n f o r m a t i o n .

F

r 0 m J 0 r g е n s 0 n L У r i С (Ν • Н 0 D) [Ε] **S**

е n t F r i d а У J u n е 1 6 , 2 0 1 7 1 0 0 7 Α Μ Т 0 В е У D а Ν Н 0 D) [

Ε] < Berk!eyD@OD R О h b а u g h Μ а r k Ν Н / 0 D) [E] < R

<u>N</u> : <u>©</u> <u>Q</u> <u>Y</u> > **S** u b j е С t F W f n а ı m 0 t 0 F С 0 n 0 У

е S Н i D а е L е t m е а р 0 0 g i Z e n а d а n С е f b i n g n d У • b ı

е ٧ e Μ а r k R 0 h r b а u g h S е n t У 0 u а С 0 р У 0 f h i S d а f е s р n S е t 0 K Ε •

е g а r d i n g C R 1 S Р R r 0 У а i е s W е а r е t r У n g t 0 g t n d е r F а n

С

i s r е ٧ е w t 0 d а У b е f 0 r е С а r е е а ٧ е S t 0 W n D i d У 0 h а а С h а

n

С е t 0 r е i е W ? Α g а n а p 0 0 g Z е f 0 е а n d В t

L У r i С F r 0 m R О h r b а u g h Μ а r k Ν 1 Н / 0 D) [E] S е n t Μ 0 n d а у Μ а У 1 5

, 2 0 1 7 3 1 9 Р Μ Т 0 J 0 r g е n S 0 n У С Ν Н 0 D [Ε] < 1 $\underline{\circ}$ ŗ g ē n <u>s</u> $\overline{\circ}$ n į <u>a</u>

<u>o</u> d <u>·</u> n į h 2. <u>o</u> ⊻ > S u b j е С t f n а I m е m О t 0 F C 0 n У е s

M a r k L

0 h r b а u g h P h D J D S р е С а Α d S 0 r f О Т С h n 0 g У Т а n s f

е r D r е С t 0 r D i ٧ i S i 0 n 0 f Т е С h n 0 0 g У Т r а n S f r n d n t 0 n Р

0 i С У 0 С е 0 f S С i е n С е Р 0 С У 0 f f С e 0 h D е С Ν n а

ı n S t t u t е s 0 f Н е а h < W F 3 6 5 6 5 6 K E I R e \mathbf{S} p o n S e O E R O S P (0 0 2)

O G C В e r k 1 e у С o m m e n t s . d o c X

From: Rohrbaugh, Mark (NIH/OD) [E] [/O=NIH/OU=NIHEXCHANGE/CN=OD/CN=ROHRBAUM]

Sent: 6/16/2017 8:47:37 PM

To: Dodson, Sara (NIH/OD) [E] [/O=NIH/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Dodsonse]

Subject: Re: final memo to FC on royalties

What do you think?

Sent from my iPhone

On Jun 16, 2017, at 3:39 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> wrote:

(b) (5)

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:36 PM

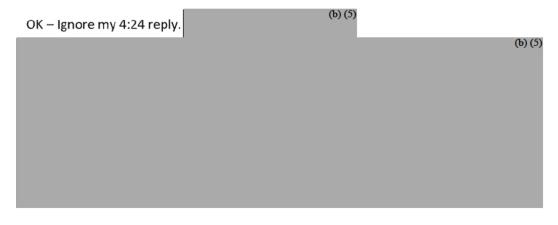
To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

(b) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:32 PM, Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov> wrote:



From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:29 PM

To: Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can't see the edits.

(b) (5)

Sent from my iPhone

On Jun 16, 2017, at 3:15 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

I can see OGC's and 4 comments. Do you want me to send you all of the text in an email and highlight OGC's additions?

(b) (5)

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 4:12 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Subject: Re: final memo to FC on royalties

Can you see his edits from the original?

Sent from my iPhone

On Jun 16, 2017, at 2:59 PM, Dodson, Sara (NIH/OD) [E] <sara.dodson@nih.gov> wrote:

Sure, Mark. I'm taking a look at this now.

From: Rohrbaugh, Mark (NIH/OD) [E] Sent: Friday, June 16, 2017 3:43 PM

To: Dodson, Sara (NIH/OD) [E] < sara.dodson@nih.gov>

Cc: Jorgenson, Lyric (NIH/OD) [E]
<jorgensonla@od.nih.gov>

Subject: Fwd: final memo to FC on royalties

Sorry to bug you late on Friday but could you try and edit this today based on my comments. I will send you Dale's edits separately

Sent from my iPhone

Begin forwarded message:

From: "Rohrbaugh, Mark (NIH/OD) [E]"

<RohrBauM@OD.NIH.GOV>

Date: June 16, 2017 at 2:28:40 PM CDT

To: "Berkley, Dale (NIH/OD) [E]"

<BerkleyD@OD.NIH.GOV>

Cc: "Jorgenson, Lyric (NIH/OD) [E]"

<jorgensonla@od.nih.gov>,

"Hammersla, Ann (NIH/OD) [E]"

<hammerslaa@mail.nih.gov>

Subject: Re: final memo to FC on

royalties



The challenge to edit it is that I am traveling all day and can only work on my iPhone.

Sent from my iPhone

On Jun 16, 2017, at 3:09 PM, Berkley, Dale (NIH/OD) [E]

<BerkleyD@OD.NIH.GOV> wrote:



Dale D. Berkley, Ph.D., J.D.
Office of the General Counsel,
PHD, NIH Branch
Bldg. 31, Rm. 47
Bethesda, MD 20892
301-496-6043
301-402-2528(Fax)
This message is intended for the
exclusive use of the recipient(s)
named above. It may contain
information that is PROTECTED
or PRIVILEGED, and it should not
be disseminated, distributed, or
copied to persons not authorized to
receive such information.

From: Rohrbaugh, Mark

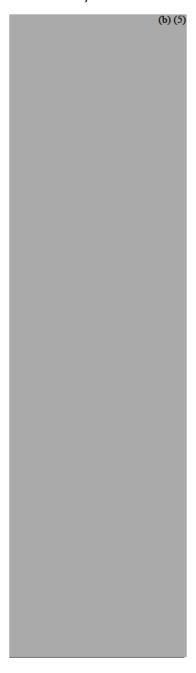
(NIH/OD) [E]

Sent: Friday, June 16,

2017 3:07 PM **To:** Berkley, Dale (NIH/OD) [E] <BerkleyD@OD.NIH.GO

V>
Cc: Jorgenson, Lyric
(NIH/OD) [E]
<jorgensonla@od.nih.g
ov>; Hammersla, Ann
(NIH/OD) [E]
<hammerslaa@mail.nih
gov>

Subject: Re: final memo to FC on royalties



Sent from my iPhone

On Jun 16, 2017, at 11:26 AM, Berkley, Dale

(NIH/OD) [E]

<BerkleyD@OD.NIH.GO

⊻> wrote:

Attache

d are a

few

edits

and

comme

nts for

your

conside

ration.

Best,

Dale

Dale D.

Berkley, Ph.D., J.D. Office of

the General Counsel, PHD, NIH

Branch

Bldg. 31, Rm. 47

Bethesda, MD 20892 301-496-

6043

301-402-

2528(Fax)

This

message is intended for

the

exclusive

use of the

recipient(s)

named

above. It

may contain information

that is PROTECT

ED or PRIVILEG

ED, and it

should not

be

disseminate

distributed, or copied to

persons not

authorized

to receive

such

information

From:

Jorgens

on,

Lyric

(NIH/O D) [E] Sent: Friday, June 16, 2017 10:07 AM To: Berkley , Dale (NIH/O D) [E] <Berkle yD@OD .NIH.G OV> Cc: Rohrba ugh, Mark (NIH/O D) [E] <RohrB auM@ OD.NIH <u>.GOV</u>> Subject : FW: final memo to FC on royaltie s Hi Dale, Let me apologi ze in advanc e for being needyı believe Mark Rohrba

ugh sent you a

copy of this draft respons e to KEI regardi ng **CRISPR** royaltie s. We are trying to get it under Francis' review today before Carrie leaves town. Did you have a chance to review?

Again – I apologi ze for the turn around.

Best,

Lyric

From:
Rohrba
ugh,
Mark
(NIH/O
D) [E]
Sent:
Monda
y, May
15,
2017
3:19
PM
To:

Jorgens on,
Lyric (NIH/O D) [E] <iorgen sonla@od.nih.gov>
Subject: final memo to FC on royaltie s

Mark L. Rohrba ugh, Ph.D., J.D. Special Advisor for Technol ogy Transfe Directo r, Division of Technol ogy Transfe r and Innovat ion Policy Office of Science Policy Office of the Directo r Nationa

l Institut es of Health

<WF3 65656

KEI

Respon

se

OERO

SP

(002)--OGCB

erkley Comm

ents.do

cx>